

Test Name : MODEL PRELIMS PAPER 149
Difficulty Level : medium
Test Type : Free

Total Questions : 100
Total Marks : 100.00
Duration : 60.00 mins

Q.1 Essay : 1-4):Passage:

Direction: In the following question, a word is given, which has been used in the three statements given below it. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

Hoarse

- 1) He warned her that if she keeps shouting all the time, she would make a **hoarse** of herself.
 - 2) "Your attitude towards the job is absolutely ridiculous and **hoarse**. You would lose it like that", she said.
 - 3) The little boy could not convey his message to the elders due to his short breath and **hoarseness**.
- A. Only 2
B. Only 3
C. Both 1 and 2
D. Both 2 and 3
E. All 1, 2 and 3

Q.2 Essay : 1-4):Passage:

Direction: In the following question, a word is given, which has been used in the three statements given below it. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

Urn

- 1) Since he died, his widow **urns** to get one glimpse of him.
 - 2) The decoration on the lid and the carving at the edges made the **urn** look like a precious antique.
 - 3) It has been extremely embarrassing for her to let everyone know her **urn** to steal things.
- A. Only 3
B. Both 1 and 2
C. Both 2 and 3
D. Only 2
E. All 1, 2 and 3

Q.3 Essay : 1-4):Passage:

Direction: In the following question, a word is given, which has been used in the three statements given below it. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

Intend

- 1) The minister has announced her **intend** to fight in the upcoming elections.
 - 2) I remember making a promise to her and still **intend** to keep it.
 - 3) Our **intend** is to go to Australia by the end of next year.
- A. Only 1
B. Only 2
C. Both 1 and 2
D. Both 2 and 3
E. All 1, 2 and 3

Q.4 Essay : 1-4):Passage:

Direction: In the following question, a word is given, which has been used in the three statements given below it. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

Utter

- 1) It was **utter** pleasure to lie down in the Jacuzzi.
 - 2) She was in absolute **utter** of the fact that the entire village was going to be drowned.
 - 3) The manager sat in the meeting till the end without **uttering** a single word.
- A. Only 1
B. Only 2
C. Only 3
D. Both 1 and 2
E. Both 1 and 3

Q.5 Essay : 5-9):Passage:

Direction: In this question, two columns I and II and three sentences are given, which are divided into two parts. Column I (A, B and C) consists of first half of each sentence and Column II (D, E and F) consists of second half of each sentence. Match column I with column II, so that the sentences formed are both meaningful and grammatically correct. Choose the option as your answer.

I

- A) They could not provide police with any evidence to prove their accusation,
- B) Vaporizers do not just waft lovely aromas,
- C) He is now a sprightly 90 and I felt a surge of nostalgia as

II

- D) but can also look beautiful in your home as the candle gently flickers away.
- E) we shake hands and then hug.
- F) so both of them were arrested

- A. A-F and B-D
- B. A-E, B-F and C-D
- C. A-D and B-F
- D. B-F and C-E
- E. C-D

Q.6 Essay : 5-9):Passage:

Direction: In this question, two columns I and II and three sentences are given, which are divided into two parts. Column I (A, B and C) consists of first half of each sentence and Column II (D, E and F) consists of second half of each sentence. Match column I with column II, so that the sentences formed are both meaningful and grammatically correct. Choose the option as your answer.

I

- A) Having finished his skillet eggs and cappuccino
- B) It is sad, because we all need help or
- C) You feel like you are in the cockpit of a spaceship bound for Mars

II

- D) even expertise guidance around modern hotel rooms.
- E) Jim posed for photos and chided me for having picked up the tab.
- F) because here are few different knobs and buttons.

- A. B-D and A-E
- B. C-F
- C. C-F and A-E
- D. B-E, A-D and C-F
- E. A-E

Q.7 Essay : 5-9):Passage:

Direction: In this question, two columns I and II and three sentences are given, which are divided into two parts. Column I (A, B and C) consists of first half of each sentence and Column II (D, E and F) consists of second half of each sentence. Match column I with column

II, so that the sentences formed are both meaningful and grammatically correct. Choose the option as your answer.

I

- A) Space is another area where the vehicle aces it, especially in the rear
- B) Almonds are high in vitamin E, riboflavin, fibre, phosphorus,
- C) When she first told her parents about her interest in dancing, they were confused since

II

- D) magnesium, protein, and calcium.
- E) where there is lots of leg and head room.
- F) they were not sure about their capacity to afford this hobby.

- A. A-E
- B. A-C, B-F and C-D
- C. A-D and B-F
- D. A-F and B-E
- E. A-E, B-D and C-F

Q.8 Essay : 5-9):Passage:

Direction: In this question, two columns I and II and three sentences are given, which are divided into two parts. Column I (A, B and C) consists of first half of each sentence and Column II (D, E and F) consists of second half of each sentence. Match column I with column II, so that the sentences formed are both meaningful and grammatically correct. Choose the option as your answer.

I

- A) The combination of nutrients in the pulses will give you an energetic feeling for the next few hours,
- B) Alcohol leaves a strong acidic ash in the body, which make the body
- C) It's that time of year when the smog descends in thick blankets

II

- D) and chokes up the city with dust and smoke.
- E) but at the same time, you are less likely to feel sluggish.
- F) vulnerable to illness.

- A. A-D
- B. A-F and B-D
- C. A-E and C-D
- D. B-F and C-D
- E. C-F

Q.9 Essay : 5-9):Passage:

Direction: In this question, two columns I and II and three sentences are given, which are divided into two parts. Column I (A, B and C) consists of first half of each sentence and Column II (D, E and F) consists of second half of each sentence. Match column I with column II, so that the sentences formed are both meaningful and grammatically correct. Choose the option as your answer.

I

A) When the fishing was done, he brought

B) Although Sri Lanka has cuisines of its own, connections of history and geography make much of its

C) One evening they got chatting with some of the guests and since

II

D) quite similar to the Indian cuisines of the south.

E) everyone was staying in that night, they decided to do a small potluck.

F) the net it to the fisherman.

A. A-F

B. A-D and B-F

C. A-D, B-F and C-E

D. A-F and C-E

E. C-E

Q.10 Essay : 10-14):Passage:

Direction :In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., 'No correction required'.

Private investors eager to sign us projects **anxious of getting out of their comfort zone** in developing countries with little history of political or economic continuity.

i. are hesitant to venture into uncertain areas

ii. hesitate to enter risky scenarios

iii. are reluctant to step into caution zones

A. Only i

B. Only i and ii

C. Only i and iii

D. Only ii and iii

E. No correction required

Q.11 Essay : 10-14):Passage:

Direction :In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., 'No correction required'.

Without an immediate commitment to disruptive energy development through substantial international investment, as well as measures for unlocking private foreign capital, **any resolutions will be hollowed out.**

- i. any resolutions will not out as expected
 - ii. any resolutions will not materialized
 - iii. any resolutions will be no more than empty promises
- A. Only I and ii
 - B. Only ii and iii
 - C. Only i and iii
 - D. All i, ii and iii
 - E. No correction required

Q.12 Essay : 10-14):Passage:

Direction :In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., 'No correction required'.

The rationale behind their demand is that more developed countries are **more suits to provide an answer** and, historically, are more responsible for creating the problem.

- i. more equipped to deal with the situation at hand
 - ii. more suitably attuned to the problem
 - iii. better able to meet the challenge
- A. Only I and ii
 - B. Only ii and iii
 - C. Only i and iii
 - D. All i, ii and iii
 - E. No correction required

Q.13 Essay : 10-14):Passage:

Direction :In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the

sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., 'No correction required'.

Television networks, presidents, and celebrity soccer players, from countries as far-flung as China, Mali, and Qatar, **have taken interest in the world's first**, and best, 'football freestyler'.

i. have thrown the flashlight on the world's first

ii. have took notice of the world's first

iii. have caught site of the world's first

A. Only i and ii

B. Only ii and iii

C. Only i and iii

D. All i, ii and iii

E. No correction required

Q.14 **Essay : 10-14):Passage:**

Direction :In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e., 'No correction required'.

To salvage cognac, distillers must adjust to global **demands while keeping untouched the unique** tradition behind their product.

i. demands while maintain the unique

ii. demands while remaining true to the unique

iii. at the same time keeping intact the unique

A. Only i and ii

B. Only ii and iii

C. Only i and iii

D. All i, ii and iii

E. No correction require

Q.15 **Essay : 15-19):Passage:**

Direction: In each question, a sentence with four words printed in bold is given. These are numbered as (A), (B), (C) and (D). One of the four words printed in bold may either be misspelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate. The number of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (5), i.e., 'All are correct', as your answer.

We **left** (A) Mumbai and **decided** (B) to settle **down** (C) here because of its **pristine** (D) climate and beautiful, green valleys.

- A. A
- B. B
- C. C
- D. D
- E. All are correct

Q.16 Essay : 15-19):Passage:

Direction: In each question, a sentence with four words printed in bold is given. These are numbered as (A), (B), (C) and (D). One of the four words printed in bold may either be misspelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate. The number of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (5), i.e., 'All are correct', as your answer.

The **fact** (A) that Indonesia **lies** (B) on the Ring of Fire makes it more **vulnerable** (C) to **tsunamis** (D) and earthquakes.

- A. A
- B. B
- C. C
- D. D
- E. All are correct

Q.17 Essay : 15-19):Passage:

Direction: In each question, a sentence with four words printed in bold is given. These are numbered as (A), (B), (C) and (D). One of the four words printed in bold may either be misspelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate. The number of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (5), i.e., 'All are correct', as your answer.

The first step to **adopting** (A) a pet is to find a **legitimate** (B) NGO which works towards animal **welfare** (C) or an animal **rescue** (D) shelter.

- A. A
- B. B
- C. C
- D. D

E. All are correct

Q.18 **Essay : 15-19):Passage:**

Direction: In each question, a sentence with four words printed in bold is given. These are numbered as (A), (B), (C) and (D). One of the four words printed in bold may either be misspelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate. The number of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (5), i.e., 'All are correct', as your answer.

Castor oil is **rich** (A) in oleic acid and omega- 6 **mandatory** (B) fatty acids that **replenish** (C) the scalp's natural oils and make hair longer, **thicker** (D) and shinier.

- A. A
- B. B
- C. C
- D. D
- E. All are correct

Q.19 **Essay : 15-19):Passage:**

Direction: In each question, a sentence with four words printed in bold is given. These are numbered as (A), (B), (C) and (D). One of the four words printed in bold may either be misspelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate. The number of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (5), i.e., 'All are correct', as your answer.

About (A) two weeks, his team **managed** (B) to clear around 4 tonnes of garbage from the **city's** (C) oldest **water** (D) system.

- A. A
- B. B
- C. C
- D. D
- E. All are correct

Q.20 **Essay : 20-24):Passage:**

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

- A) Modern-secular and cosmopolitan values
 - B) Rationality and meritocracy
 - C) Cities are
 - D) Where people speak the language of
 - E) Seen as representative of
- A. CDBCA
 - B. CEBDA
 - C. CEADB
 - D. CDACB
 - E. CAEDB

Q.21 Essay : 20-24):Passage:

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

- A) Physical appearance and bodily disposition
 - B) Prejudices could also be
 - C) That reveal stereotypes about
 - D) That positions an individual in a caste and class category
 - E) Disguised in the form of remarks
- A. ADECB
 - B. AECBD
 - C. BEDCA
 - D. BACED
 - E. EBCAD

Q.22 Essay : 20-24):Passage:

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

- A) Disappearing cultures and traditions
- B) To detail in terms of sights, sounds, and mannerisms

- C) The film combines vivid
- D) To provide a moving tale of
- E) Cinematography with wonderful attention
- A. CEBDA
- B. ADECB
- C. BCEDA
- D. CEDBA
- E. CEDAB

Q.23 Essay : 20-24):Passage:

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

- A) The movement for a separate Karnataka state
- B) The district was given to Kerala,
- C) The Kasaragod district was an important centre of
- D) And yet, when the state reorganisation took place in 1956,
- E) A decision that is disputed till today
- A. EDCAB
- B. CADBE
- C. CEDAB
- D. CADEB
- E. CAEDB

Q.24 Essay : 20-24):Passage:

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

- A) Is an excellent source of income
- B) And a way to avoid damage to their fields
- C) As these rats eat people's paddy crops
- D) For the poor and many tribals in Assam,
- E) Selling rats in local markets
- A. EDABC
- B. EABCD
- C. DECAB

- D. DEBCA
E. DEABC

Q.25 **Essay : 25-30):Passage:**

Direction: Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these.

Education is both a basic human right and a core element of sustainable development. It is the theme of the United Nations' fourth Sustainable Development Goal, which seeks to "ensure inclusive and equitable quality education and promote lifelong learning opportunities for all." Education enables individuals to build more prosperous and successful lives and societies to achieve economic prosperity and social welfare.

Access to the Internet is fundamental to achieving this **vision** for the future. It can improve the quality of education in many ways. It opens doorways to a wealth of information, knowledge and educational resources, increasing opportunities for learning in and beyond the classroom. Teachers use online materials to prepare lessons, and students to extend their range of learning. Interactive teaching methods, supported by the Internet, enable teachers to give more attention to individual students' needs and support shared learning. This can help to rectify inequalities in education experienced by girls and women. Access to the Internet helps educational administrators to reduce the costs and improve the quality of schools and colleges.

Educationalists are enthusiastically exploring opportunities and discovering new ways in which they can use the Internet to improve education outcomes. As the Broadband Commission for Sustainable Development puts it, the challenge is "to help teachers and students use technology ... in relevant and authentic ways that actually improve education and foster the knowledge and skills necessary for lifelong learning." A number of factors, however, inhibit full achievement of these gains.

Lack of access is first and foremost among these. Access to the Internet, with sufficient bandwidth, is essential for the development of an information society. Lack of broadband connectivity is preventing widespread use of Internet in education and other areas of life in many countries. A legal and regulatory environment that fosters investment and innovation is critical to enabling broadband access. This is not just a matter of connectivity. For access to be meaningful, it must also be affordable for schools and individuals, and teachers and students must acquire digital literacy and other skills required to make best use of it. Those teachers and students also need to find and use locally relevant content.

The Internet is not, of course, the answer to every **challenge** posed by education. National policies that draw together experience in both education and technology, within different countries' national contexts, are essential if the Internet's contribution to education is to be maximised. The success of Internet in education will be measured by educational outcomes: improvements in students' attainments, job opportunities and contribution to national development. Experience shows that the best results are likely to be achieved through cooperation between stakeholders, including government, Internet business and technical experts, and sector specialists such as teachers and educational administrators.

Which of the following statement is incorrect with reference to the passage?

- I. Both the Internet *and* education are concerned with information exchange, communication, and the creation of knowledge.
II. The issue of unequal access to the most enabling and empowering forms of Internet use remains a

major concern.

III. Technology can often be a barrier to teaching and learning.

- A. Only I
- B. Both I & II
- C. Both II & III
- D. Only III
- E. All are incorrect

Q.26 Essay : 25-30):Passage:

Direction: Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these.

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Which of the following statement can be inferred from the given passage?

- A) Lessons regarding incorporation of the internet with the prevalent education system have been learnt from experience with different technologies and services in countries with different educational systems.
- B) People in developed countries are more likely to have mobile broadband subscriptions than those in the least developed countries.
- C) The availability of job opportunities is an indicator of the triumph of the Internet in education.
- A. Only A
- B. Only B
- C. Only C
- D. All of these
- E. None of these

Q.27 Essay : 25-30):Passage:

Direction: Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these.

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attainments, job opportunities and contribution to national development. Experience shows that the best results are likely to be achieved through cooperation between stakeholders, including government, Internet business and technical experts, and sector specialists such as teachers and educational administrators.

Along with broadband connectivity what is needed to make internet usage meaningful for teachers and students?

- A. The broadband connections should be affordable, and the teachers and the students should be digitally literate.
- B. Broadband connectivity should allow local content foremost importance for its usage to be meaningful.
- C. Broadband connectivity should be of high speed so that it can be utilized in real time for problem solving by teachers and students and it should be state sponsored so as to not burden the students economically.
- D. Broadband connectivity should be state sponsored so that teachers and students can avail the best possible connection for education purposes with proper security measures.
- E. None of the above

Q.28 Essay : 25-30):Passage:

Direction: Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these.

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individuals, and teachers and students must acquire digital literacy and other skills required to make best use of it. Those teachers and students also need to find and use locally relevant content. The Internet is not, of course, the answer to every **challenge** posed by education. National policies that draw together experience in both education and technology, within different countries' national contexts, are essential if the Internet's contribution to education is to be maximised. The success of Internet in education will be measured by educational outcomes: improvements in students' attainments, job opportunities and contribution to national development. Experience shows that the best results are likely to be achieved through cooperation between stakeholders, including government, Internet business and technical experts, and sector specialists such as teachers and educational administrators.

Which of the following best describes the author's view regarding education?

- A. Education is one of the major factors of Sustainable Development.
- B. Education can be categorised as one of the most essential rights of a human being.
- C. Modern education should be liberal, open and accessible.
- D. Education enables us to lead a socially and economically successful life.
- E. All the above

Q.29 Essay : 25-30):Passage:

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Access to the Internet is fundamental to achieving this **vision** for the future. It can improve the quality of education in many ways. It opens doorways to a wealth of information, knowledge and educational resources, increasing opportunities for learning in and beyond the classroom. Teachers use online materials to prepare lessons, and students to extend their range of learning. Interactive teaching methods, supported by the Internet, enable teachers to give more attention to individual students' needs and support shared learning. This can help to rectify inequalities in education experienced by girls and women. Access to the Internet helps educational administrators to reduce the costs and improve the quality of schools and colleges.

Educationalists are enthusiastically exploring opportunities and discovering new ways in which they can use the Internet to improve education outcomes. As the Broadband Commission for Sustainable Development puts it, the challenge is "to help teachers and students use technology ... in relevant and authentic ways that actually improve education and foster the knowledge and skills necessary for lifelong learning." A number of factors, however, inhibit full achievement of these gains.

Lack of access is first and foremost among these. Access to the Internet, with sufficient bandwidth, is essential for the development of an information society. Lack of broadband connectivity is preventing widespread use of Internet in education and other areas of life in many countries. A legal and regulatory environment that fosters investment and innovation is critical to enabling broadband access. This is not just a matter of connectivity. For access to be meaningful, it must also be affordable for schools and

individuals, and teachers and students must acquire digital literacy and other skills required to make best use of it. Those teachers and students also need to find and use locally relevant content. The Internet is not, of course, the answer to every **challenge** posed by education. National policies that draw together experience in both education and technology, within different countries' national contexts, are essential if the Internet's contribution to education is to be maximised. The success of Internet in education will be measured by educational outcomes: improvements in students' attainments, job opportunities and contribution to national development. Experience shows that the best results are likely to be achieved through cooperation between stakeholders, including government, Internet business and technical experts, and sector specialists such as teachers and educational administrators.

Which of the following is the MOST SIMILAR to the word given in bold in the passage?

Vision

- A. Intellect
- B. Perception
- C. Proficiency
- D. Inanity
- E. Peccadillo

Q.30 Essay : 25-30):Passage:

Direction: Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these.

Education is both a basic human right and a core element of sustainable development. It is the theme of the United Nations' fourth Sustainable Development Goal, which seeks to "ensure inclusive and equitable quality education and promote lifelong learning opportunities for all." Education enables individuals to build more prosperous and successful lives and societies to achieve economic prosperity and social welfare.

Access to the Internet is fundamental to achieving this **vision** for the future. It can improve the quality of education in many ways. It opens doorways to a wealth of information, knowledge and educational resources, increasing opportunities for learning in and beyond the classroom. Teachers use online materials to prepare lessons, and students to extend their range of learning. Interactive teaching methods, supported by the Internet, enable teachers to give more attention to individual students' needs and support shared learning. This can help to rectify inequalities in education experienced by girls and women. Access to the Internet helps educational administrators to reduce the costs and improve the quality of schools and colleges.

Educationalists are enthusiastically exploring opportunities and discovering new ways in which they can use the Internet to improve education outcomes. As the Broadband Commission for Sustainable Development puts it, the challenge is "to help teachers and students use technology ... in relevant and authentic ways that actually improve education and foster the knowledge and skills necessary for lifelong learning." A number of factors, however, inhibit full achievement of these gains.

Lack of access is first and foremost among these. Access to the Internet, with sufficient bandwidth, is essential for the development of an information society. Lack of broadband connectivity is preventing widespread use of Internet in education and other areas of life in many countries. A legal and regulatory environment that fosters investment and innovation is critical to enabling broadband access. This is not

just a matter of connectivity. For access to be meaningful, it must also be affordable for schools and individuals, and teachers and students must acquire digital literacy and other skills required to make best use of it. Those teachers and students also need to find and use locally relevant content. The Internet is not, of course, the answer to every **challenge** posed by education. National policies that draw together experience in both education and technology, within different countries' national contexts, are essential if the Internet's contribution to education is to be maximised. The success of Internet in education will be measured by educational outcomes: improvements in students' attainments, job opportunities and contribution to national development. Experience shows that the best results are likely to be achieved through cooperation between stakeholders, including government, Internet business and technical experts, and sector specialists such as teachers and educational administrators.

Which of the following is the MOST OPPOSITE to the word given in bold in the passage?

Challenge

- A. Objection
- B. Proposition
- C. Sanction
- D. Vindication
- E. Impugn

Q.31 **Essay : 31-35):Passage:**

Direction: What should come in place of the question mark '?' in the following number series?

101, 112, 90, ?, 79, 90

- A. 101
- B. 124
- C. 221
- D. 82
- E. 81

Q.32 **Essay : 31-35):Passage:**

Direction: What should come in place of the question mark '?' in the following number series?

10, 17, 27, ?, 64

- A. 32
- B. 52
- C. 42

- D. 47
- E. 35

Q.33 Essay : 31-35):Passage:

Direction: What should come in place of the question mark '?' in the following number series?

2, ?, 30, 41, 50

- A. 17
- B. 7
- C. 15
- D. 18
- E. 21

Q.34 Essay : 31-35):Passage:

Direction: What should come in place of the question mark '?' in the following number series?

?, 7, 8, 13, 27, 68.5

- A. 2
- B. 3
- C. 5
- D. 12
- E. 10

Q.35 Essay : 31-35):Passage:

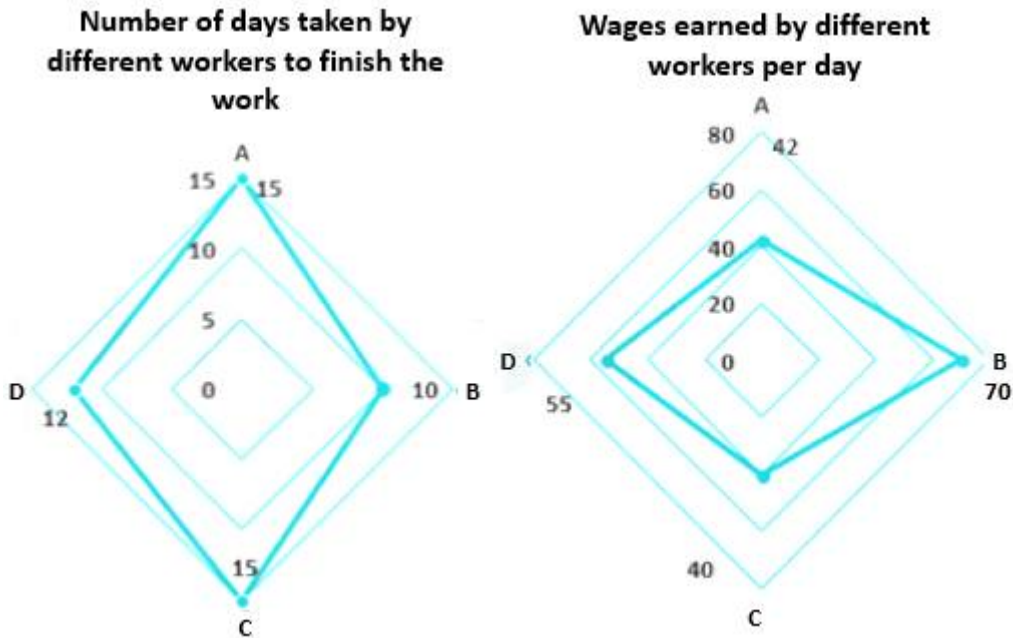
Direction: What should come in place of the question mark '?' in the following number series?

1, ?, -1, -3, -8, -22.5

- A. -0.5
- B. 0.5
- C. -25
- D. .25
- E.

Q.36 Essay : 36-40):Passage:

Directions Study the data given below and answer the following questions. The radar graph shown below shows the number of days to be taken by different workers A, B, C and D to complete a particular task individually and amount of wages to be earned by them per day when they work.



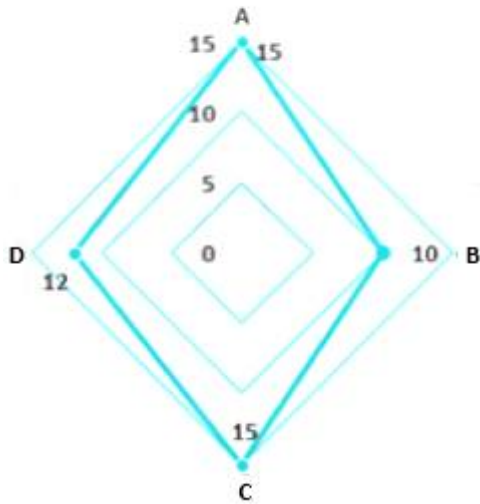
If A, B, C and D work for alternate days i.e. A for 1st day, B for 2nd day, C for 3rd day and D for 4th day. In how many days the task will get complete?

- A. 3 days 12 hours
- B. 3 days 18 hours
- C. 12 days 6 hours
- D. 12 days 18 hours
- E. None of these

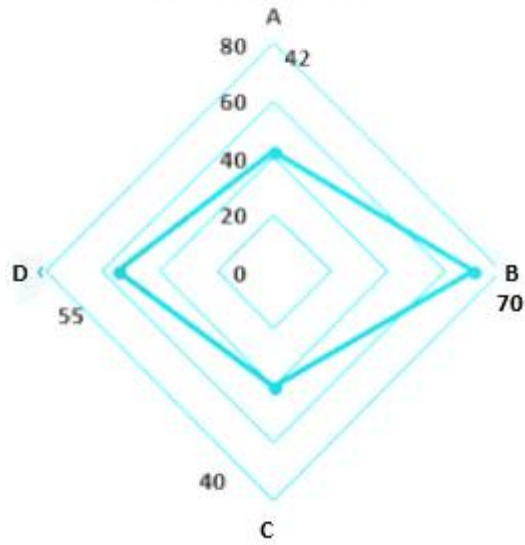
Q.37 Essay : 36-40):Passage:

Directions Study the data given below and answer the following questions. The radar graph shown below shows the number of days to be taken by different workers A, B, C and D to complete a particular task individually and amount of wages to be earned by them per day when they work.

Number of days taken by different workers to finish the work



Wages earned by different workers per day



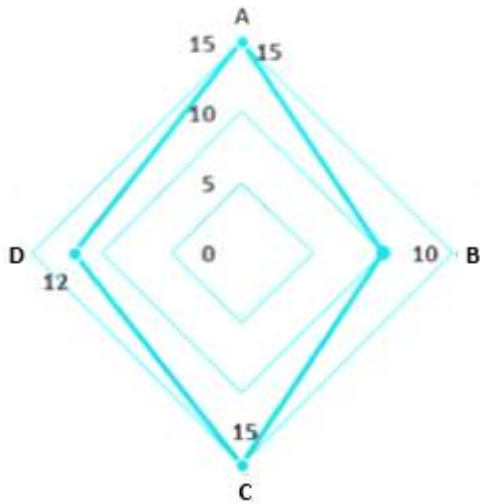
B and C do the work together for 2 days. Then, C left but D joined and B and D continue the work for 2 more days. Then, B left and D alone continue the work for more 2 days. Then, D left and remaining work is completed by C alone. Calculate the amount to be received by C.

- A. Rs. 420
- B. Rs. 280
- C. Rs. 160
- D. Rs. 200
- E. Rs. 350

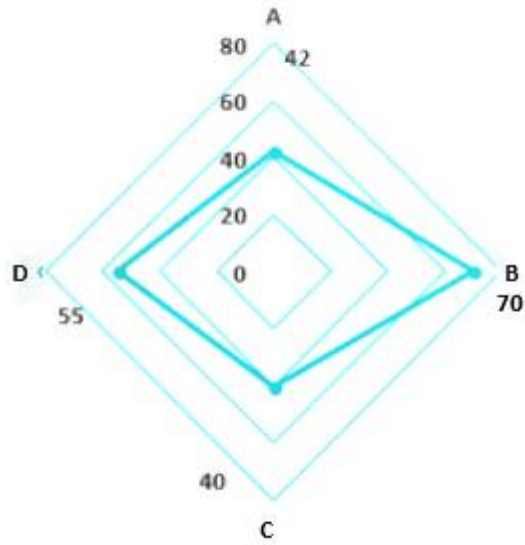
Q.38 **Essay : 36-40):Passage:**

Directions Study the data given below and answer the following questions. The radar graph shown below shows the number of days to be taken by different workers A, B, C and D to complete a particular task individually and amount of wages to be earned by them per day when they work.

Number of days taken by different workers to finish the work



Wages earned by different workers per day



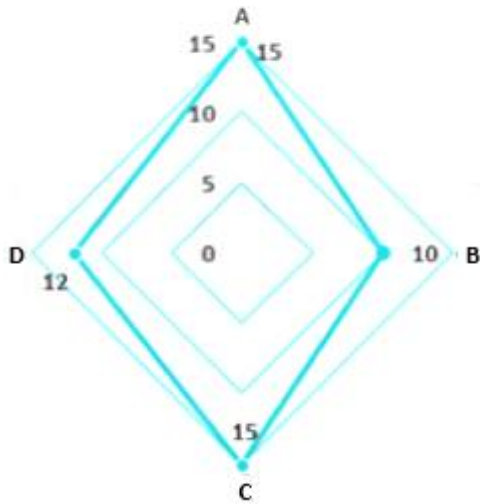
Which worker is money-efficient from the point of view of labourer?

- A. A
- B. B
- C. D
- D. C
- E. A and C both

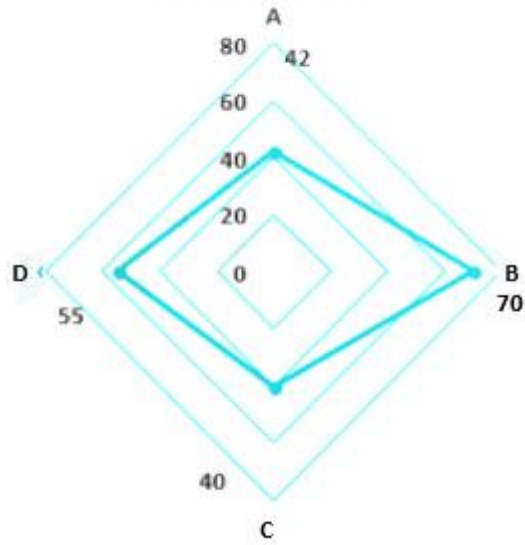
Q.39 **Essay : 36-40):Passage:**

Directions Study the data given below and answer the following questions. The radar graph shown below shows the number of days to be taken by different workers A, B, C and D to complete a particular task individually and amount of wages to be earned by them per day when they work.

Number of days taken by different workers to finish the work



Wages earned by different workers per day



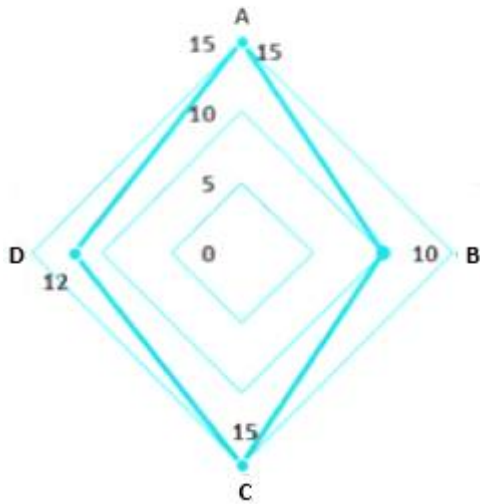
A and B do work in the time ratio of 1 : 2 for completion of half work. How much of the work is done by each individually?

- A. 1/8; 2/8
- B. 1/8; 3/8
- C. 3/8; 3/4
- D. 1/3; 2/3
- E. None of these

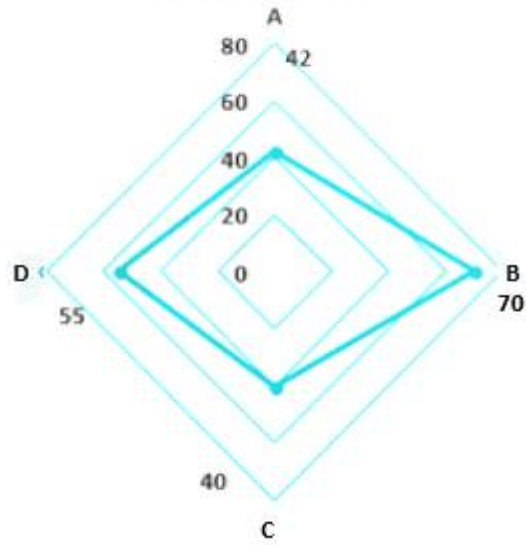
Q.40 **Essay : 36-40):Passage:**

Directions—Study the data given below and answer the following questions. The radar graph shown below shows the number of days to be taken by different workers A, B, C and D to complete a particular task individually and amount of wages to be earned by them per day when they work.

Number of days taken by different workers to finish the work



Wages earned by different workers per day



D receives Rs. 165 for the work done by him. Work done by C is $\frac{2}{3}$ of the work done by B, Work done by B is $\frac{1}{3}$ of the work done by D and remaining work is done by A to finish it. Calculate the wages received by A and the ratio of wages of B and C.

- A. Rs. 385; 4 : 7
- B. Rs. 380; 3 : 4
- C. Rs. 380; 4 : 3
- D. Rs. 385; 7 : 4
- E. Rs. 385; 3 : 4

Q.41 A shopkeeper sells two pens for Rs. 38. The selling price of the first is equal to the cost price of the second . If the first is sold at 25 % gain and the second at 10 % loss, what is his total gain or loss (in rupees)?

- A. 2
- B. 5
- C. 1
- D. 3
- E. None of these

Q.42 Two vessels containing equal amount of mixture of Hydrogen and Helium in the ratio 4: 1 and 3: 1 respectively by volume. 25% of mixture from first vessel is taken out and put in the second vessel.

An equal amount of mixture is taken out from second vessel and put in first vessel. What is the ratio of Hydrogen to Helium in the first vessel finally?

- A. 79: 21
- B. 77: 23
- C. 69:31
- D. 73: 27
- E. None of these

Q.43 In 2016, the transportation costs of an item is 37.5% of its manufacturing cost. From 2016 to 2018, the manufacturing cost of the item has gone up by 50%. The transportation cost in 2018 is 33.33% of the manufacturing cost in 2018, by what percentage should the total cost in 2018 be reduced so as to bring it back to 2016 level? (manufacturing cost + transportation cost = total cost)

- A. 31.25
- B. 12.50
- C. 25
- D. 40
- E. None of these

Q.44 A and B alone can complete a work in 24 and 48 days, respectively. 50% of the work is completed by C in $3x$ days, and remaining work is completed by A and B working together in ' x ' days, find the time taken by B and C to complete the work while working together.

- A. 16 days
- B. 24 days
- C. 20 days
- D. 18 days
- E. None of these

Q.45 If Rs. 782 be divided into 3 parts, proportional to $\frac{1}{2}$, $\frac{2}{3}$, $\frac{3}{4}$ and first part is further divided in 2 parts in ratio 1 : 2. Find the difference between these 2 parts in which first part is further sub-divided.

- A. Rs. 68
- B. Rs. 34
- C. Rs. 56
- D. Rs. 48
- E. None of these

Q.46 **Essay : 46-50):Passage:**

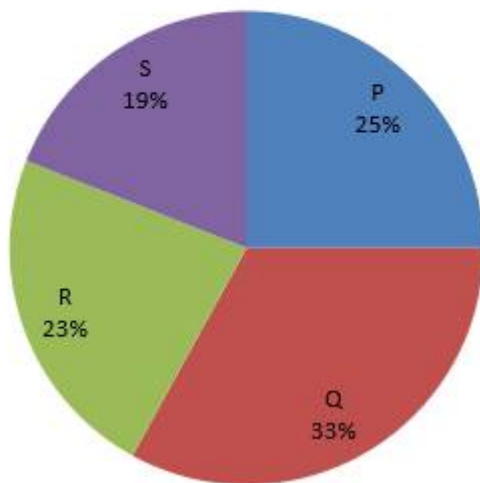
Direction: Pie chart shows the percentage of initial capital invested by four persons P, Q, R and S in three different businesses A, B and C. It is not necessary that all the four persons are involved in every business. If they joined the business their percentage of initial capital would be as given in pie chart.

Given the total amount spend in Business A by all four is Rs. 60250

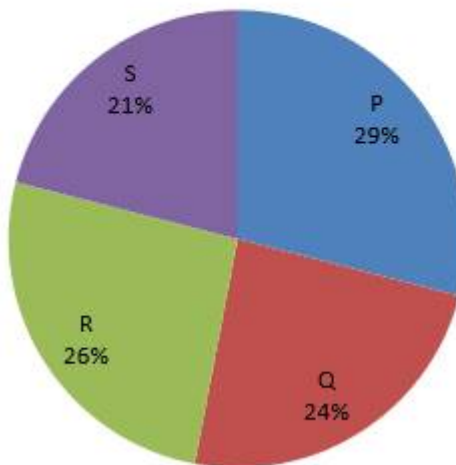
Given the total amount spend in Business B by all four is Rs. 85500

Given the total amount spend in Business C by all four is Rs. 46500

Business A



Business B



Amount invested in Business C by P, Q, R and S are 9000, 14000, 8500 and 15000 respectively.

Total profit amount from all the three businesses together = Rs. 170400.

Total profit amount from the business B is 57.5% more than the total profit amount from the business A and total profit amount from business C is 97.5% of total profit amount from the business A.

Find the difference of the average of the amount spent by P, Q, R and S in businesses A and B as the initial capital when they get involved in the business?

- A. 6312.5
- B. 6000.5
- C. 6250.5
- D. 6300.5
- E. None of these

Q.47 **Essay : 46-50):Passage:**

Direction: Pie chart shows the percentage of initial capital invested by four persons P, Q, R and S in three different businesses A, B and C. It is not necessary that all the four persons are involved in every business. If they joined the business their percentage of initial capital would

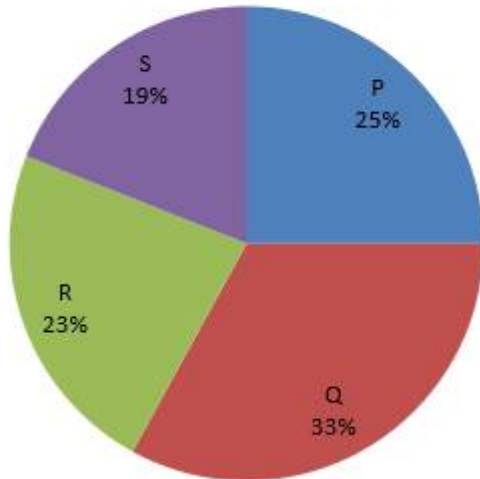
be as given in pie chart.

Given the total amount spend in Business A by all four is Rs. 60250

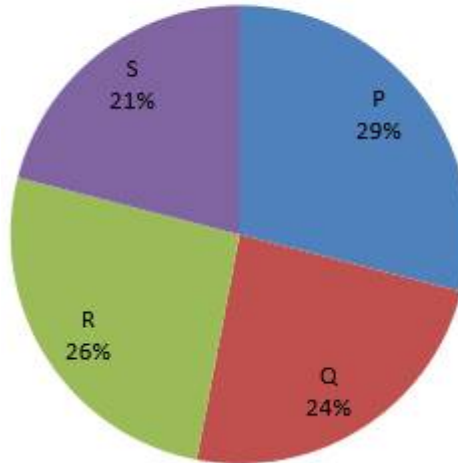
Given the total amount spend in Business B by all four is Rs. 85500

Given the total amount spend in Business C by all four is Rs. 46500

Business A



Business B



Amount invested in Business C by P, Q, R and S are 9000, 14000, 8500 and 15000 respectively.

Total profit amount from all the three businesses together = Rs. 170400.

Total profit amount from the business B is 57.5% more than the total profit amount from the business A and total profit amount from business C is 97.5% of total profit amount from the business A.

Person Q and R enter into business B and C together. Business B and C will end after 6 years and 10 years respectively and both the business start simultaneously. At the end of 3 years, Q withdraws 25% of his initial capital from business B and after 1 year from the end of business B person R adds Rs. 5000 to his initial capital in businesses C. What is the difference between profit share of Q and R from both the business together?

- A. Rs. 1440
- B. Rs. 1650
- C. Rs. 1780
- D. Rs. 1920
- E. None of these

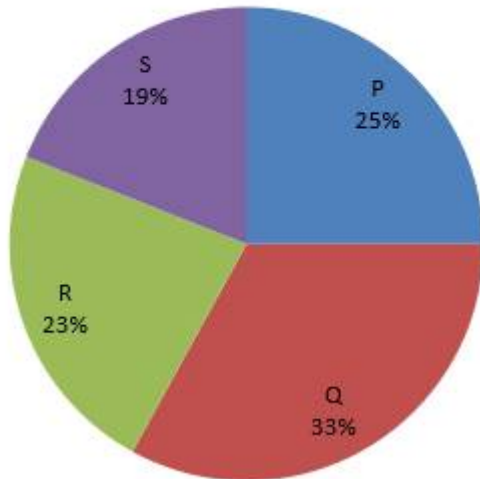
Q.48 **Essay : 46-50):Passage:**

Direction: Pie chart shows the percentage of initial capital invested by four persons P, Q, R and S in three different businesses A, B and C. It is not necessary that all the four persons are involved in every business. If they joined the business their percentage of initial capital would be as given in pie chart.

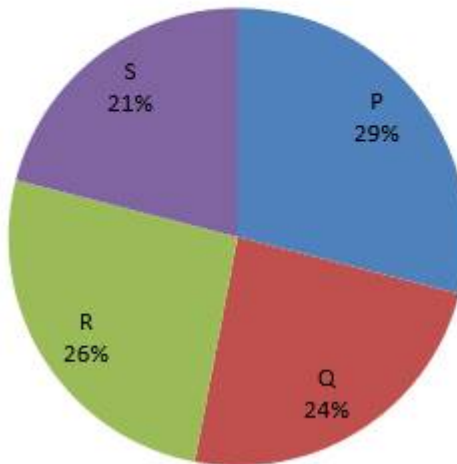
Given the total amount spend in Business A by all four is Rs. 60250

Given the total amount spend in Business B by all four is Rs. 85500
Given the total amount spend in Business C by all four is Rs. 46500

Business A



Business B



Amount invested in Business C by P, Q, R and S are 9000, 14000, 8500 and 15000 respectively.

Total profit amount from all the three businesses together = Rs. 170400.

Total profit amount from the business B is 57.5% more than the total profit amount from the business A and total profit amount from business C is 97.5% of total profit amount from the business A.

Person P, Q, R and S start the business C together with initial capital given in pie chart. At the end of 4 years, S withdraws Rs. 8000 from his capital and after 3 more years persons P and R add 'x' and 'y' more to their capital. At the end of 8 years from the start of the business, person S adds Rs. 29000 more to his capital. At the end of 10 years, ratio of their respective shares is 6: 7: 5: 8, then what is the difference between 'x' and 'y'?

- A. Rs. 6000
- B. Rs. 7500
- C. Rs. 8000
- D. Rs. 5000
- E. None of these

Q.49 Essay : 46-50):Passage:

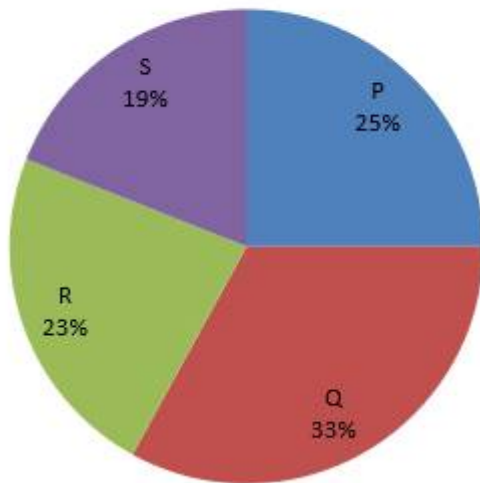
Direction: Pie chart shows the percentage of initial capital invested by four persons P, Q, R and S in three different businesses A, B and C. It is not necessary that all the four persons are involved in every business. If they joined the business their percentage of initial capital would be as given in pie chart.

Given the total amount spend in Business A by all four is Rs. 60250

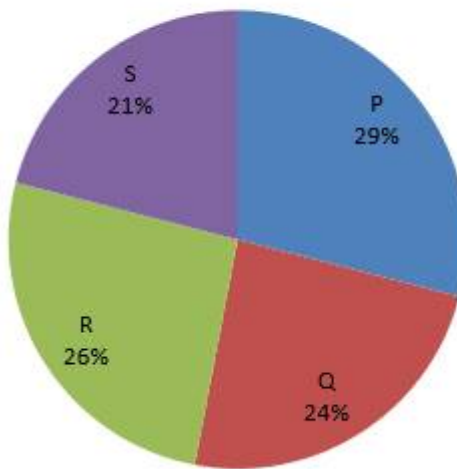
Given the total amount spend in Business B by all four is Rs. 85500

Given the total amount spend in Business C by all four is Rs. 46500

Business A



Business B



Amount invested in Business C by P, Q, R and S are 9000, 14000, 8500 and 15000 respectively.

Total profit amount from all the three businesses together = Rs. 170400.

Total profit amount from the business B is 57.5% more than the total profit amount from the business A and total profit amount from business C is 97.5% of total profit amount from the business A.

What percentage of the initial amount by the difference of P and S in business C to that of the initial amount invested by Q and R together in business A?

- A. 15
- B. 16
- C. 17
- D. 18
- E. 19

Q.50 **Essay : 46-50):Passage:**

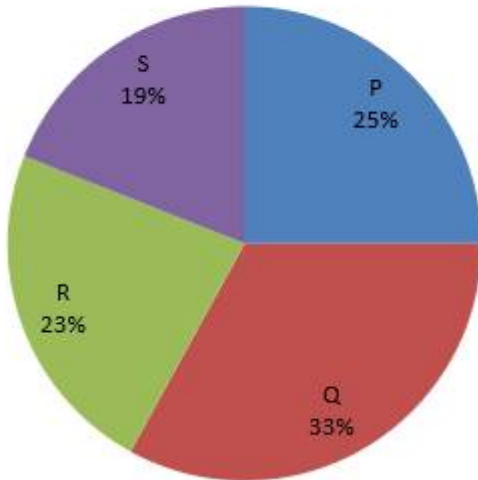
Direction: Pie chart shows the percentage of initial capital invested by four persons P, Q, R and S in three different businesses A, B and C. It is not necessary that all the four persons are involved in every business. If they joined the business their percentage of initial capital would be as given in pie chart.

Given the total amount spend in Business A by all four is Rs. 60250

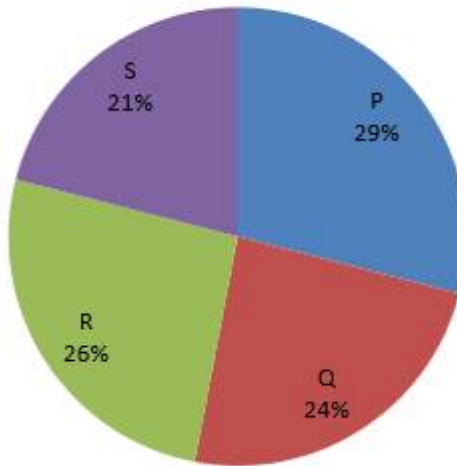
Given the total amount spend in Business B by all four is Rs. 85500

Given the total amount spend in Business C by all four is Rs. 46500

Business A



Business B



Amount invested in Business C by P, Q, R and S are 9000, 14000, 8500 and 15000 respectively.

Total profit amount from all the three businesses together = Rs. 170400.

Total profit amount from the business B is 57.5% more than the total profit amount from the business A and total profit amount from business C is 97.5% of total profit amount from the business A.

Persons Q and S start business A and after 3 years from the start of the business, Q withdraws 25% of his capital and after 3 more years he adds 50% of his capital at that time. While, persons P and S start another business and after 4 years from the start of the business, S adds Rs. 21000 to his capital. Businesses A and B will close after 8 years and 'T' years respectively. If profit amount received by S from business B is Rs. 19800 more than the profit amount received by him from business A, then what is the value of T?

- A. 5
- B. 6
- C. 8
- D. 7
- E. None of these

Q.51 **Essay : 51-55):Passage:**

Direction: Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.

Find the two digit number

- 1) The ratio between the two-digit number and the sum of the digit of that number is 5:2
- 2) The digit in ten's place is 4 less than the digit in unit place

- A. Statement (1) Alone is sufficient, but statement (2) alone is not sufficient to answer the question asked
- B. Statement (2) Alone is sufficient, but statement (1) alone is not sufficient to answer the question asked
- C. Both statements (1) and (2) Together are sufficient to answer the question asked, but Neither statement Alone is sufficient
- D. Each statement Alone is sufficient to answer the question asked
- E. Statements (1) and (2) Together are NOT sufficient to answer the question asked, and additional data are needed

Q.52 Essay : 51-55):Passage:

Direction: Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.

How many days will 8 men and 6 women take to complete the work?

- 1) 15 men and 6 women undertake to complete the work in 3 days.
 - 2) 10 men finish a piece of work in 10 days, where it takes 12 women to finish it in 10 days.
- A. Statement (1) Alone is sufficient, but statement (2) alone is not sufficient to answer the question asked
 - B. Statement (2) Alone is sufficient, but statement (1) alone is not sufficient to answer the question asked
 - C. Both statements (1) and (2) Together are sufficient to answer the question asked, but Neither statement Alone is sufficient
 - D. Each statement Alone is sufficient to answer the question asked
 - E. Statements (1) and (2) Together are NOT sufficient to answer the question asked, and additional data are needed

Q.53 Essay : 51-55):Passage:

Direction: Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.

In a taste test conducted for coffee brands X and Y, if each of the 1,600 people polled voted for either X or Y (but not both), what percent of the males voted for brand Y?

- 1) Forty percent of the females polled voted for brand X.
 - 2) Sixty-five percent of the males voted for brand X.
- A. Statement (1) Alone is sufficient, but statement (2) alone is not sufficient to answer the question asked

- B. Statement (2) Alone is sufficient, but statement (1) alone is not sufficient to answer the question asked
- C. Both statements (1) and (2) Together are sufficient to answer the question asked, but Neither statement Alone is sufficient
- D. Each statement Alone is sufficient to answer the question asked
- E. Statements (1) and (2) Together are NOT sufficient to answer the question asked, and additional data are needed

Q.54 Essay : 51-55):Passage:

Direction: Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.

A stenographer is tasked with typing a certain letter. How many words long is the letter?

1) It will take two minutes less time to type the letter at an average speed of 80 words per minute than at an average speed of 60 words per minute.

2) It will take 6 minutes to type the first half of the letter at an average speed of 40 words per minute.

- A. Statement (1) Alone is sufficient, but statement (2) alone is not sufficient to answer the question asked
- B. Statement (2) Alone is sufficient, but statement (1) alone is not sufficient to answer the question asked
- C. Both statements (1) and (2) Together are sufficient to answer the question asked, but Neither statement Alone is sufficient
- D. Each statement Alone is sufficient to answer the question asked
- E. Statements (1) and (2) Together are NOT sufficient to answer the question asked, and additional data are needed

Q.55 Essay : 51-55):Passage:

Direction: Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.

Base of a triangle is 8 cm, and the other side is 6 cm, what is the area of the triangle?

I. Altitude is 5 cm

II. Median to base is 5.5 cm

- A. The question can be answered by using statement I alone but cannot be answered using the other statement alone.
- B. The question can be answered by using statement II alone but cannot be answered using the

- other statement alone.
- C. The question can be answered by using either of the statement alone.
 - D. The question can be answered using both of the statements together, but cannot be answered using either of the statement alone.
 - E. The question cannot be answered even by using both the statements together.

Q.56 Essay : 56-60):Passage:

A contractor keeps data on labor tabulated by performance.

The data is kept on a computer disk, but unfortunately some of it is lost because of a virus.

Only the following could be recovered:



An expert committee was formed, which decided that the following facts were self-evident:

- 1) Half the labor was excellent
- 2) 20% of the labor was women
- 3) 5% of the total labor was average Man and equal to good Woman
- 4) 20% of total labor was excellent Boy
- 5) Number of good Women, good Boy, and good Men are equal

If 4 good man or 6 good woman do the work in 15 days. How many days required to finish the same work by 10 good women?

- A. 2
- B. 9
- C. 6
- D. 5
- E. 8

Q.57 Essay : 56-60):Passage:

A contractor keeps data on labor tabulated by performance.

The data is kept on a computer disk, but unfortunately some of it is lost because of a virus.

Only the following could be recovered:



An expert committee was formed, which decided that the following facts were self-evident:

- 1) Half the labor was excellent
- 2) 20% of the labor was women
- 3) 5% of the total labor was average Man and equal to good Woman
- 4) 20% of total labor was excellent Boy
- 5) Number of good Women, good Boy, and good Men are equal

What is the total number of good Man and good Boy?

- A. 10
- B. 20
- C. 22
- D. 48
- E. 58

Q.58 **Essay : 56-60):Passage:**

A contractor keeps data on labor tabulated by performance.

The data is kept on a computer disk, but unfortunately some of it is lost because of a virus.

Only the following could be recovered:



An expert committee was formed, which decided that the following facts were self-evident:

- 1) Half the labor was excellent
- 2) 20% of the labor was women
- 3) 5% of the total labor was average Man and equal to good Woman
- 4) 20% of total labor was excellent Boy
- 5) Number of good Women, good Boy, and good Men are equal

Among average labor, what is the ratio of male to female?

- A. 1:2
- B. 2:1
- C. 6:1
- D. 1:6
- E. 4:5

Q.59 **Essay : 56-60):Passage:**

A contractor keeps data on labor tabulated by performance.

The data is kept on a computer disk, but unfortunately some of it is lost because of a virus.

Only the following could be recovered:



An expert committee was formed, which decided that the following facts were self-evident:

- 1) Half the labor was excellent
- 2) 20% of the labor was women
- 3) 5% of the total labor was average Man and equal to good Woman
- 4) 20% of total labor was excellent Boy
- 5) Number of good Women, good Boy, and good Men are equal

If 4 excellent man or 6 excellent woman or 9 excellent boy do the work in 480 days. How many days required to finish the same work by all excellent labor?

- A. 27
- B. 36
- C. 25
- D. 34
- E. None of these

Q.60 Essay : 56-60):Passage:

A contractor keeps data on labor tabulated by performance.

The data is kept on a computer disk, but unfortunately some of it is lost because of a virus.

Only the following could be recovered:



An expert committee was formed, which decided that the following facts were self-evident:

- 1) Half the labor was excellent
- 2) 20% of the labor was women
- 3) 5% of the total labor was average Man and equal to good Woman
- 4) 20% of total labor was excellent Boy
- 5) Number of good Women, good Boy, and good Men are equal

Among labor, what is the ratio between average boy to total man?

- A. 1:2
- B. 2:1
- C. 6:1
- D. 1:6
- E. 5:6

Q.61 Essay : 61-65):Passage:

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

$$33.0003\% \text{ of } 509.999 + (838 \div 14.95) \times 17.85 + 8847256 \div 4446 = ?$$

- A. 2956
- B. 3105
- C. 3166
- D. 4106
- E. 4140

Q.62 **Essay : 61-65):Passage:**

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

$$199.99 \div 4.99 \times 499.99 \div 100.01 \div 5.002 = ?$$

- A. 25
- B. 32
- C. 40
- D. 20
- E. 35

Q.63 **Essay : 61-65):Passage:**

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

$$(-251 \times 21.2 \times 11.95) \div ? = 158.13$$

- A. 400
- B. 15
- C. 18
- D. 250
- E. 300

Q.64 **Essay : 61-65):Passage:**

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

$$2.5\% \text{ of } 3451 \times 0.8\% \text{ of } 7799.998 = ?$$

- A. 6642
- B. 5382
- C. 5035
- D. 4562
- E. 4380

Q.65 **Essay : 61-65):Passage:**

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)



- A. 200
- B. 250
- C. 300
- D. 220
- E. 325

Q.66 **Essay : 66-70):Passage:**

Direction: Study the following information carefully and answer the given questions:

5 cars - A, B, C, D and E are parked in a straight line at a distance of 7m from each other.

Only 2 cars are parked between A and E, which is not parked adjacent to car D. Only 1 car is parked between car D and car B. Car D is parked exactly in middle. Car C moves 5m north, turns left and moves for 10m and stops at point J. Car A moves 5m south and turns left and moves for another 7m and stops at point S in such a way that point S is to the southeast of both point J and car B.

What is the distance between car B and car C?

- A. 7m
- B. 14m
- C. 21m
- D. 28m
- E. can not be determined

Q.67 **Essay : 66-70):Passage:**

Direction: Study the following information carefully and answer the given questions:

5 cars - A, B, C, D and E are parked in a straight line at a distance of 7m from each other.

Only 2 cars are parked between A and E, which is not parked adjacent to car D. Only 1 car is parked between car D and car B. Car D is parked exactly in middle. Car C moves 5m north, turns left and moves for 10m and stops at point J. Car A moves 5m south and turns left and moves for another 7m and stops at point S in such a way that point S is to the southeast of both point J and car B.

How many cars are parked between car B and car which is second to the left of E?

- A. none
- B. 1
- C. 2

- D. 3
- E. can not be determined

Q.68 Essay : 66-70):Passage:

Direction: Study the following information carefully and answer the given questions:

5 cars - A, B, C, D and E are parked in a straight line at a distance of 7m from each other. Only 2 cars are parked between A and E, which is not parked adjacent to car D. Only 1 car is parked between car D and car B. Car D is parked exactly in middle. Car C moves 5m north, turns left and moves for 10m and stops at point J. Car A moves 5m south and turns left and moves for another 7m and stops at point S in such a way that point S is to the southeast of both point J and car B.

In which direction is car E with respect to point J?

- A. South
- B. Southwest
- C. Northwest
- D. Southeast
- E. Southwest

Q.69 Essay : 66-70):Passage:

Direction: Study the following information carefully and answer the given questions:

5 cars - A, B, C, D and E are parked in a straight line at a distance of 7m from each other. Only 2 cars are parked between A and E, which is not parked adjacent to car D. Only 1 car is parked between car D and car B. Car D is parked exactly in middle. Car C moves 5m north, turns left and moves for 10m and stops at point J. Car A moves 5m south and turns left and moves for another 7m and stops at point S in such a way that point S is to the southeast of both point J and car B.

What is the shortest distance between point S and car B?

- A. 14m
- B. 19m
- C.
- D.
- E. None of these

Q.70 Essay : 66-70):Passage:

Direction: Study the following information carefully and answer the given questions:

5 cars - A, B, C, D and E are parked in a straight line at a distance of 7m from each other. Only 2 cars are parked between A and E, which is not parked adjacent to car D. Only 1 car is parked between car D and car B. Car D is parked exactly in middle. Car C moves 5m north, turns left and moves for 10m and stops at point J. Car A moves 5m south and turns left and moves for another 7m and stops at point S in such a way that point S is to the southeast of both point J and car B.

In which direction is point S with respect to car D and what is the distance between them?

- A. 5m, north
- B. 5m, south
- C. 7m, southwest
- D. 7m, northwest
- E. None of these

Q.71 Essay : 71-73):Passage:

Direction: On the basis of numbers given below, answer the following questions:

653 639 439 781 471 183

If all the digits are rearranged within a number in decreasing order, which of the following numbers will be the second lowest?

- A. 183
- B. 781
- C. 439
- D. 639
- E. None of these

Q.72 Essay : 71-73):Passage:

Direction: On the basis of numbers given below, answer the following questions:

653 639 439 781 471 183

What is the difference between the second largest and third smallest number?

- A. 182
- B. 214
- C. 310
- D. 189
- E. None of these

Q.73 **Essay : 71-73):Passage:**

Direction: On the basis of numbers given below, answer the following questions:

653 639 439 781 471 183

If all the even digits within a number are replaced by 7, what will be the digit sum of the lowest number?

- A. 1
- B. 2
- C. 3
- D. 4
- E. more than 4

Q.74 **Essay : 74-78):Passage:**

Direction: Study the following information carefully and answer the given questions:

9 persons - A, B, C, D, E, F, G, H and I are sitting in a row. Some are facing north and some are facing south. Not more than 2 persons sitting together face same direction.

G sits at one of the extreme ends. Both the persons sitting at extreme ends faces south. Only 3 persons sit between G and H, who sits third to the right of A. B faces same direction to that of G. I sits third to right of F and both of them face opposite direction. E is not an immediate neighbor of I. Only 2 persons sit between C and D. Either C or D sits at extreme end and both faces opposite direction to each other. B sits third to right of H but he is not an immediate neighbor of G.

How many persons sit between I and A?

- A. None
- B. 1
- C. 2
- D. 3
- E. More than 3

Q.75 **Essay : 74-78):Passage:**

Direction: Study the following information carefully and answer the given questions:

9 persons - A, B, C, D, E, F, G, H and I are sitting in a row. Some are facing north and some are facing south. Not more than 2 persons sitting together face same direction.

G sits at one of the extreme ends. Both the persons sitting at extreme ends faces south. Only 3 persons sit between G and H, who sits third to the right of A. B faces same direction to that of G. I sits third to right of F and both of them face opposite direction. E is not an immediate neighbor of I. Only 2 persons sit between C and D. Either C or D sits at extreme end and both faces opposite direction to each other. B sits third to right of H but he is not an immediate neighbor of G.

If G is related to E, and H is related to I. In the same way, A is related to?

- A. B
- B. D
- C. F
- D. C
- E. Cannot be determined

Q.76 Essay : 74-78):Passage:

Direction: Study the following information carefully and answer the given questions:

9 persons - A, B, C, D, E, F, G, H and I are sitting in a row. Some are facing north and some are facing south. Not more than 2 persons sitting together face same direction.

G sits at one of the extreme ends. Both the persons sitting at extreme ends faces south. Only 3 persons sit between G and H, who sits third to the right of A. B faces same direction to that of G. I sits third to right of F and both of them face opposite direction. E is not an immediate neighbor of I. Only 2 persons sit between C and D. Either C or D sits at extreme end and both faces opposite direction to each other. B sits third to right of H but he is not an immediate neighbor of G.

Who sits to the immediate right of B?

- A. C
- B. E
- C. I
- D. D
- E. Cannot be determined

Q.77 Essay : 74-78):Passage:

Direction: Study the following information carefully and answer the given questions:

9 persons - A, B, C, D, E, F, G, H and I are sitting in a row. Some are facing north and some are facing south. Not more than 2 persons sitting together face same direction.

G sits at one of the extreme ends. Both the persons sitting at extreme ends faces south. Only 3 persons sit between G and H, who sits third to the right of A. B faces same direction to that of G. I sits third to right of F and both of them face opposite direction. E is not an immediate neighbor of I. Only 2 persons sit between C and D. Either C or D sits at extreme end and both faces opposite direction to each other. B sits third to right of H but he is not an immediate neighbor of G.

Which one of the following does not belong to the group?

- A. H
- B. F
- C. B

- D. E
E. G

Q.78 Essay : 74-78):Passage:

Direction: Study the following information carefully and answer the given questions:

9 persons - A, B, C, D, E, F, G, H and I are sitting in a row. Some are facing north and some are facing south. Not more than 2 persons sitting together face same direction.

G sits at one of the extreme ends. Both the persons sitting at extreme ends faces south. Only 3 persons sit between G and H, who sits third to the right of A. B faces same direction to that of G. I sits third to right of F and both of them face opposite direction. E is not an immediate neighbor of I. Only 2 persons sit between C and D. Either C or D sits at extreme end and both faces opposite direction to each other. B sits third to right of H but he is not an immediate neighbor of G.

What is the position of I with respect to H?

- A. Immediate left
B. Immediate right
C. Second to the left
D. Second to the right
E. Third to the left

Q.79 Essay : 79-80):Passage:

Direction: In each of the following questions, assuming the given statements to be true, find out which of the following conclusions given below is/are definitely true.

Statements:

$$H \geq G \geq B \leq D; I \geq J \geq G = K$$

Conclusions:

- a) $K > H$
b) $K \geq B$
- A. only conclusion a) is true.
B. only conclusion b) is true.
C. either conclusion a) or b) is true.
D. neither conclusion a) nor b) is true.
E. both conclusions a) and b) are true

Q.80 Essay : 79-80):Passage:

Direction: In each of the following questions, assuming the given statements to be true, find out which of the following conclusions given below is/are definitely true.

Statements:

$$2 \geq 1 \geq 8 = 4; 6 \geq 5 \geq 3 = 1$$

Conclusions:

a) $3 = 4$

b) $4 < 1$

- A. only conclusion a) is true.
- B. only conclusion b) is true.
- C. either conclusion a) or b) is true.
- D. neither conclusion a) nor b) is true.
- E. both conclusions a) and b) are true.

Q.81 Essay : 81-85):Passage:

Direction: Study the following information carefully and answer the given questions:

Seven persons- A, B, C, D, E, F and G go to market on different days of the week starting from Monday along with their wives- T, U, V, W, X, Y and Z. They also take their kids (if any) to market along with them. The order of persons, their wives and number of kids are not necessarily the same.

A visits the market on Friday with his wife, Z. B is husband of neither U nor Y. F visits the market with U and his only daughter but not on Tuesday. D visits the market on Monday with his son and wife. Both E and A do not have kids. D is husband of neither V nor Y. C visits the market with his wife, W and daughter on Wednesday. B visits the market on next day of G who visits with his wife, T and 2 kids. V is mother of 2 children.

How many children does B have?

- A. None
- B. 1
- C. 2
- D. Can not be determined
- E. More than 2

Q.82 Essay : 81-85):Passage:

Direction: Study the following information carefully and answer the given questions:

Seven persons- A, B, C, D, E, F and G go to market on different days of the week starting from Monday along with their wives- T, U, V, W, X, Y and Z. They also take their kids (if any) to market along with them. The order of persons, their wives and number of kids are not necessarily the same.

A visits the market on Friday with his wife, Z. B is husband of neither U nor Y. F visits the market with U and his only daughter but not on Tuesday. D visits the market on Monday with his son and wife. Both E and A do not have kids. D is husband of neither V nor Y. C visits the market with his wife, W and daughter on Wednesday. B visits the market on next day of G who visits with his wife, T and 2 kids. V is mother of 2 children.

Who visits the market on Saturday?

- A. X
- B. Y
- C. Z
- D. T
- E. None of these

Q.83 **Essay : 81-85):Passage:**

Direction: Study the following information carefully and answer the given questions:

Seven persons- A, B, C, D, E, F and G go to market on different days of the week starting from Monday along with their wives- T, U, V, W, X, Y and Z. They also take their kids (if any) to market along with them. The order of persons, their wives and number of kids are not necessarily the same.

A visits the market on Friday with his wife, Z. B is husband of neither U nor Y. F visits the market with U and his only daughter but not on Tuesday. D visits the market on Monday with his son and wife. Both E and A do not have kids. D is husband of neither V nor Y. C visits the market with his wife, W and daughter on Wednesday. B visits the market on next day of G who visits with his wife, T and 2 kids. V is mother of 2 children.

If Y is related to Wednesday, Z is related to Saturday. In the same way, T is related to?

- A. Monday
- B. Tuesday
- C. Thursday
- D. Friday
- E. Sunday

Q.84 **Essay : 81-85):Passage:**

Direction: Study the following information carefully and answer the given questions:

Seven persons- A, B, C, D, E, F and G go to market on different days of the week starting from Monday along with their wives- T, U, V, W, X, Y and Z. They also take their kids (if any) to market along with them. The order of persons, their wives and number of kids are not necessarily the same.

A visits the market on Friday with his wife, Z. B is husband of neither U nor Y. F visits the market with U and his only daughter but not on Tuesday. D visits the market on Monday with his son and wife. Both E and A do not have kids. D is husband of neither V nor Y. C visits the market with his wife, W and

daughter on Wednesday. B visits the market on next day of G who visits with his wife, T and 2 kids. V is mother of 2 children.

Who is the wife of B?

- A. X
- B. Y
- C. V
- D. Z
- E. None of these

Q.85 Essay : 81-85):Passage:

Direction: Study the following information carefully and answer the given questions:

Seven persons- A, B, C, D, E, F and G go to market on different days of the week starting from Monday along with their wives- T, U, V, W, X, Y and Z. They also take their kids (if any) to market along with them. The order of persons, their wives and number of kids are not necessarily the same.

A visits the market on Friday with his wife, Z. B is husband of neither U nor Y. F visits the market with U and his only daughter but not on Tuesday. D visits the market on Monday with his son and wife. Both E and A do not have kids. D is husband of neither V nor Y. C visits the market with his wife, W and daughter on Wednesday. B visits the market on next day of G who visits with his wife, T and 2 kids. V is mother of 2 children.

How many children does Y have?

- A. None
- B. 1
- C. 2
- D. Can not be determined
- E. None of these

Q.86 Essay : 86-88):Passage:

Direction: Study the following information carefully and answer the given questions:

In a certain code language

'use the soft water' is written as '39 66 78 24'.

'water is colorless medium' is written as '47 39 21 19'.

'The earth is heavy' is written as '21 36 45 24'.

Which of the following is the code for 'water'?

- A. 66
- B. 39

- C. 78
- D. 47
- E. 19

Q.87 Essay : 86-88):Passage:

Direction: Study the following information carefully and answer the given questions:

In a certain code language

'use the soft water' is written as '39 66 78 24'.

'water is colorless medium' is written as '47 39 21 19'.

'The earth is heavy' is written as '21 36 45 24'.

What does '45' stands for?

- A. the
- B. heavy
- C. earth
- D. colorless
- E. Cannot be determined

Q.88 Essay : 86-88):Passage:

Direction: Study the following information carefully and answer the given questions:

In a certain code language

'use the soft water' is written as '39 66 78 24'.

'water is colorless medium' is written as '47 39 21 19'.

'The earth is heavy' is written as '21 36 45 24'.

In the given code language, what may be the possible code for 'the colorless box'?

- A. 19, 24, 47
- B. 19, 79, 39
- C. 74, 19, 24
- D. 36, 19, 24
- E. 47, 24, 21

Q.89 Essay : 89-93):Passage:

Direction: Study the following information carefully and answer the given questions:

Seven people - Aman, Barun, Charles, Dexit, Ena, Fatima and Gazal lives on different floors of a

building, ground floor being numbered 1 and the floor above ground floor numbered 2 and so on until the top most floor numbered 7, They are born in 7 different states/UTs- Delhi, Haryana, Himachal Pradesh, Maharashtra, Madhya Pradesh, Punjab and Uttar Pradesh but not necessarily in the same order.

Gazal lives on an odd numbered floor but does not live on the top most floor. Ena belongs to Himachal Pradesh. Only 1 person lives between Barun and the person born in Maharashtra. Barun was not born in Punjab. 3 people live between Fatima and Ena. Fatima lives on an even numbered floor but she belongs to neither Punjab nor Madhya Pradesh. Ena lives below Gazal. Dexit was born in Delhi and he lives immediately above Charles, who was born in Uttar Pradesh. One who belongs to Punjab lives below Gazal.

Who lives on ground floor?

- A. Aman
- B. Ena
- C. Charles
- D. Barun
- E. Cannot be determined

Q.90 **Essay : 89-93):Passage:**

Direction: Study the following information carefully and answer the given questions:

Seven people - Aman, Barun, Charles, Dexit, Ena, Fatima and Gazal lives on different floors of a building, ground floor being numbered 1 and the floor above ground floor numbered 2 and so on until the top most floor numbered 7, They are born in 7 different states/UTs- Delhi, Haryana, Himachal Pradesh, Maharashtra, Madhya Pradesh, Punjab and Uttar Pradesh but not necessarily in the same order.

Gazal lives on an odd numbered floor but does not live on the top most floor. Ena belongs to Himachal Pradesh. Only 1 person lives between Barun and the person born in Maharashtra. Barun was not born in Punjab. 3 people live between Fatima and Ena. Fatima lives on an even numbered floor but she belongs to neither Punjab nor Madhya Pradesh. Ena lives below Gazal. Dexit was born in Delhi and he lives immediately above Charles, who was born in Uttar Pradesh. One who belongs to Punjab lives below Gazal.

Who among the following was born in Madhya Pradesh?

- A. Barun
- B. Gazal
- C. Aman
- D. Fatima
- E. Cannot be determined

Q.91 Essay : 89-93):Passage:**Direction: Study the following information carefully and answer the given questions:**

Seven people - Aman, Barun, Charles, Dexit, Ena, Fatima and Gazal lives on different floors of a building, ground floor being numbered 1 and the floor above ground floor numbered 2 and so on until the top most floor numbered 7, They are born in 7 different states/UTs- Delhi, Haryana, Himachal Pradesh, Maharashtra, Madhya Pradesh, Punjab and Uttar Pradesh but not necessarily in the same order.

Gazal lives on an odd numbered floor but does not live on the top most floor. Ena belongs to Himachal Pradesh. Only 1 person lives between Barun and the person born in Maharashtra. Barun was not born in Punjab. 3 people live between Fatima and Ena. Fatima lives on an even numbered floor but she belongs to neither Punjab nor Madhya Pradesh. Ena lives below Gazal. Dexit was born in Delhi and he lives immediately above Charles, who was born in Uttar Pradesh. One who belongs to Punjab lives below Gazal.

How many floors are there between Charles and the person born in Maharashtra?

- A. None
- B. 1
- C. 2
- D. 3
- E. More than 3

Q.92 Essay : 89-93):Passage:**Direction: Study the following information carefully and answer the given questions:**

Seven people - Aman, Barun, Charles, Dexit, Ena, Fatima and Gazal lives on different floors of a building, ground floor being numbered 1 and the floor above ground floor numbered 2 and so on until the top most floor numbered 7, They are born in 7 different states/UTs- Delhi, Haryana, Himachal Pradesh, Maharashtra, Madhya Pradesh, Punjab and Uttar Pradesh but not necessarily in the same order.

Gazal lives on an odd numbered floor but does not live on the top most floor. Ena belongs to Himachal Pradesh. Only 1 person lives between Barun and the person born in Maharashtra. Barun was not born in Punjab. 3 people live between Fatima and Ena. Fatima lives on an even numbered floor but she belongs to neither Punjab nor Madhya Pradesh. Ena lives below Gazal. Dexit was born in Delhi and he lives immediately above Charles, who was born in Uttar Pradesh. One who belongs to Punjab lives below Gazal.

If Barun is related to Haryana and Charles is related to Himachal Pradesh. In the same way, Ena is related to?

- A. Maharashtra
- B. Madhya Pradesh
- C. Delhi
- D. Uttar Pradesh
- E. Punjab

Q.93 Essay : 89-93):Passage:

Direction: Study the following information carefully and answer the given questions:

Seven people - Aman, Barun, Charles, Dexit, Ena, Fatima and Gazal lives on different floors of a building, ground floor being numbered 1 and the floor above ground floor numbered 2 and so on until the top most floor numbered 7, They are born in 7 different states/UTs- Delhi, Haryana, Himachal Pradesh, Maharashtra, Madhya Pradesh, Punjab and Uttar Pradesh but not necessarily in the same order.

Gazal lives on an odd numbered floor but does not live on the top most floor. Ena belongs to Himachal Pradesh. Only 1 person lives between Barun and the person born in Maharashtra. Barun was not born in Punjab. 3 people live between Fatima and Ena. Fatima lives on an even numbered floor but she belongs to neither Punjab nor Madhya Pradesh. Ena lives below Gazal. Dexit was born in Delhi and he lives immediately above Charles, who was born in Uttar Pradesh. One who belongs to Punjab lives below Gazal.

Who lives 2 floors above Dexit?

- A. Person born in Haryana
- B. Person born in Madhya Pradesh
- C. Gazal
- D. Ena
- E. Person born in Punjab

Q.94 Essay : 94-95):Passage:

Direction: The question consists of three statements followed by two conclusions numbered I and II. Consider the statements to be true even if they are in variance with the commonly known facts. Read all the conclusions and decide which of the given conclusions logically follow from the given statements and accordingly mark your answer.

Statements:

Some even are odd.

Some numbers are digit.

Some even are not number.

Conclusions:

I. No digit is even.

II. All even are digit.

- A. only conclusion I follows
- B. only conclusion II follows
- C. neither I nor II follows
- D. either I or II follows
- E. both I and II follows

Q.95 **Essay : 94-95):Passage:**

Direction: The question consists of three statements followed by two conclusions numbered I and II. Consider the statements to be true even if they are in variance with the commonly known facts. Read all the conclusions and decide which of the given conclusions logically follow from the given statements and accordingly mark your answer.

Statements:

Some cats are bat.

Some bats are ant.

Only cat are dog.

Conclusions:

I. Some bat which are cat are also part of dog.

II. No dog is ant.

- A. only conclusion I follows
- B. only conclusion II follows
- C. neither I nor II follows
- D. either I or II follows
- E. both I and II follows

Q.96 **Essay : 96-98):Passage:**

Direction: Study the following information carefully and answer the given questions:

8 persons A, B, C, D, E, F, G and H are sitting around a circular table facing towards the centre. G sits second to F, who sits to the immediate right of B. H sits second to C, who is not an immediate neighbor of D. E sits second to D, who sits 3 places away from F. A faces D.

How many persons sit between B and E, when counted clockwise from E?

- A. None
- B. 1
- C. 2
- D. 3
- E. More than 3

Q.97 **Essay : 96-98):Passage:**

Direction: Study the following information carefully and answer the given questions:

8 persons A, B, C, D, E, F, G and H are sitting around a circular table facing towards the centre. G sits second to F, who sits to the immediate right of B. H sits second to C, who is not an immediate neighbor

of D. E sits second to D, who sits 3 places away from F. A faces D.

Who sits to the immediate left of the one who faces B?

- A. E
- B. C
- C. G
- D. H
- E. None of these

Q.98 Essay : 96-98):Passage:

Direction: Study the following information carefully and answer the given questions:

8 persons A, B, C, D, E, F, G and H are sitting around a circular table facing towards the centre. G sits second to F, who sits to the immediate right of B. H sits second to C, who is not an immediate neighbor of D. E sits second to D, who sits 3 places away from F. A faces D.

What is the position of A with respect to H?

- A. Immediate right
- B. Immediate left
- C. Second to the left
- D. Second to the right
- E. None of these

Q.99 Essay : 99-100):Passage:

Direction: Each of the following questions consists of a question followed by three statements I, II and III. You have to decide whether the data given in the statement(s) is/are sufficient for answering the question. Read all the statements carefully and seek all the possible combinations which could be sufficient for answering the question.

How is B related to A?

- I. E is father of C, who is uncle of B. A is married to E
- II. A is mother of C. D is married to E. B is daughter of D. E is brother of C
- III. A is married to E, who is father of D. C is uncle of B

- A. Either I, II or III
- B. Both I and III
- C. Only II is sufficient
- D. Only I is sufficient
- E. None are sufficient

Q.100 **Essay : 99-100):Passage:**

Direction: Each of the following questions consists of a question followed by three statements I, II and III. You have to decide whether the data given in the statement(s) is/are sufficient for answering the question. Read all the statements carefully and seek all the possible combinations which could be sufficient for answering the question.

Among A, B, C, D and E , Who is the heaviest?

I. Only one person is heavier than B.

II. C is heavier than D but lighter than B. D is the second lightest.

III. B is heavier than atleast 3 persons. E is not the heaviest.

- A. Both I and II
- B. Both III and II
- C. Only II is sufficient
- D. Only I is sufficient
- E. All I, II and III are necessary