

Computer Based Examination System

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| Exported On * | 2021/09/19 14:07:35 |
| Title * | Question Paper Answer Key |
| OES Exam * | GPSC03202108 Junior Scale Officer of Goa Civil Service Completed 2021-09-19 |

| | | |
|---|-----------------------------|---|
| 1 | Question Description | The Sankosh river forms the boundary between which of the following two states? |
| | A | Bihar and Jharkhand |
| | B | Bihar and West Bengal |
| | C | Assam and West Bengal |
| | D | Assam and Arunachal Pradesh |
| | Correct Answer | D |
| | Marks | 1 |

| | | |
|---|-----------------------------|--|
| 2 | Question Description | 'Savannization' of Amazon rain-forests is projected as global temperature rises by: |
| | A | > 1.5 °C |
| | B | > 2 °C |
| | C | > 3 °C |
| | D | None of these |
| | Correct Answer | B |
| | Marks | 1 |
| 3 | Question Description | In which year the Society for the Acquisition of General Knowledge was formed by the Young Bengal? |
| | A | 1838 |
| | B | 1840 |
| | C | 1845 |
| | D | 1848 |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|---|-----------------------------|--|
| 4 | Question Description | Which commission was recommended by the Santhanam committee? |
| | A | Central Bureau of Investigation |
| | B | Central Information Commission |
| | C | Central Vigilance Commission |
| | D | Central Backward Commission |
| | Correct Answer | C |
| | Marks | 1 |

| | | |
|---|-----------------------------|--------------------------------------|
| 5 | Question Description | Which is not a type of public policy |
| | A | Distributive |
| | B | Redistributive |
| | C | Regulatory |
| | D | none of the above |
| | Correct Answer | D |
| | Marks | 1 |

| | | |
|---|-----------------------------|---|
| 6 | Question Description | NIDHI Seed Support System providing early stage investment to startups is an initiative of which department of Government of India. |
| | A | Department for Promotion of Industry and Internal Trade |
| | B | National Small Industries Corporation |
| | C | Department of Science and Technology |
| | D | Department of Agriculture and Farmers Welfare |
| | Correct Answer | C |
| | Marks | 1 |

| | | |
|---|-----------------------------|--|
| 7 | Question Description | <p>Consider the following features:</p> <ol style="list-style-type: none"> 1. Panchayats have now been brought under the direct supervision of the Governor. 2. Finance Commission of the State now determines the distribution of taxes and duties between the State and Panchayats. 3. Panchayats are now entitled to receive grants-in-aid directly from the Central Government. 4. 1/3 of the seats in the Panchayats are now reserved for women. <p>According to the 73rd Amendment of the Constitution, which of these are correct features of Panchayats?</p> |
| | A | 2 and 4 |
| | B | 1 and 3 |
| | C | 2 and 3 |
| | D | 3 and 4 |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|---|-----------------------------|--|
| 8 | Question Description | Swachh Bharat Mission programme comes under which Ministry |
| | A | Ministry of Panchayati Raj |
| | B | Ministry of Drinking water and Sanitation |
| | C | Ministry of Women and Child |
| | D | Ministry of Rural development |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|---|-----------------------------|--|
| 9 | Question Description | Which one among the following is the correct sequence of the rivers from north to south? |
| | A | Damodar-Brahmani-Mahanadi-Tungabhadra |
| | B | Damodar-Mahanadi-Brahmani- Tungabhadra |
| | C | Brahmani-Tungabhadra-Damodar- Mahanadi |
| | D | Damodar-Brahmani-Tungabhadra- Mahanadi |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 10 | Question Description | Who described the Mughal empire as a “war-state” in its core? |
| | A | J. F. Richards |
| | B | M. D. Pearson |
| | C | K. Athar Ali |
| | D | Sachin Chandrakumar |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|--|
| 11 | Question Description | Which Article of Indian Constitution provided provision of early childhood care and education to children below the age of 6 years ? |
| | A | Art.45 |
| | B | Art.21 A |
| | C | Art.43 |
| | D | Art.51 A (K) |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 12 | Question Description | India's first community-based REDD+ programme is situated in: |
| | A | Garo hills |
| | B | Khasi hills |
| | C | Daporijo hills |
| | D | Nallamalla hills |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|--|
| 13 | Question Description | Who first proposed the concept of Anthropocene |
| | A | David Attenborough |
| | B | Paul Crutzen |
| | C | Johan Rockstrom |
| | D | None of these |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|--|
| 14 | Question Description | How many countries have signed and ratified the International Solar Alliance (ISA) Framework Agreement |
| | A | 79 |
| | B | 81 |
| | C | 120 |
| | D | 193 |
| | Correct Answer | A |
| | Marks | 1 |
| 15 | Question Description | Startup Promotion Cell, Government of Goa is under the |
| | A | Directorate of Skill Development and Entrepreneurship |
| | B | Department of Information Technology |
| | C | Department of Science and Technology |
| | D | Directorate of Industries Trade and Commerce |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|--|
| 16 | Question Description | Who are the founders of the startup, Meesho |
| | A | Kunal Shah and Dhaval Shah |
| | B | Vidit Aatrey and Sanjeev Barnwal |
| | C | Phanindra Sama and Sridhar Vembu |
| | D | Sumit Gupta nd Neeraj Khandelwal |
| | Correct Answer | B |
| | Marks | 1 |
| 17 | Question Description | To be recognised as a startup the period of existence and operations should not exceed_____ years since incorporation. |
| | A | 3 |
| | B | 5 |
| | C | 7 |
| | D | 10 |
| | Correct Answer | D |
| | Marks | 1 |

| | | |
|----|-----------------------------|--|
| 18 | Question Description | If a tropical rain forest is removed, it does not regenerate quickly as compared to a tropical deciduous forest. This is because |
| | A | the soil of rain forest is deficient in nutrients |
| | B | propagules of the trees in a rain forest have poor viability |
| | C | the rain forest species are slow-growing |
| | D | exotic species invade the fertile soil of rain forest |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 19 | Question Description | What is the key goal of Green India Mission |
| | A | Increase forest cover on 2.5 Mha and improve quality of forest cover on another 2.5 Mha |
| | B | Increase forest cover on 5 Mha and improve quality of forest cover on another 5 Mha |
| | C | Increase forest cover on 7.5 Mha and improve quality of forest cover on another 7.5 Mha |
| | D | Increase forest cover on 10 Mha and improve quality of forest cover on another 10 Mha |
| | Correct Answer | B |
| | Marks | 1 |

20

| | |
|-----------------------------|--|
| Question Description | When was the Sikh Gurudwaras Act passed? |
| A | 1921 |
| B | 1922 |
| C | 1924 |
| D | 1925 |
| Correct Answer | D |
| Marks | 1 |

21

Question Description

With reference to micro-irrigation, which of the following statements is/are correct?

- 1) Fertilizer/nutrient loss can be reduced
- 2) It is the only means of irrigation in dry land farming
- 3) In some areas of farming, receding of ground water table can be checked.

Select the correct answer using the codes given below:

A

1 only

B

2 and 3 only

C

1 and 3 only

D

1, 2 and 3

Correct Answer

C

Marks

1

22

| | |
|-----------------------------|---|
| Question Description | In which year was the Depressed Classes Mission Society started in India at Bombay? |
| A | 1897 |
| B | 1898 |
| C | 1906 |
| D | 1908 |
| Correct Answer | B |
| Marks | 1 |

23

| | |
|-----------------------------|--|
| Question Description | Between which of the following was the ancient town of Takshasila located? |
| A | Jhelum and Chenab. |
| B | Indus and Jhelum. |
| C | Chenab and Ravi. |
| D | Ravi and Beas. |
| Correct Answer | B |
| Marks | 1 |

| | | |
|----|-----------------------------|--|
| 24 | Question Description | If a new State of the Indian Union is to be created, which one of the following Schedules of the Constitution must be amended? |
| | A | First |
| | B | Second |
| | C | Third |
| | D | Fifth |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|--|
| 25 | Question Description | When was the protection of human rights act passed in India? |
| | A | 2003 |
| | B | 1993 |
| | C | 2005 |
| | D | 1997 |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 26 | Question Description | If the Prime Minister of India belonged to the Upper House of the Parliament |
| | A | He will not be able to vote in his favour in the event of a non-confidence motion |
| | B | He will not be able to speak on the budget in the lower house |
| | C | He can make statement only in the Upper House |
| | D | He has to become a member of the Lower House |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 27 | Question Description | Which one of the following committees had recommended people's participation in community development program |
| | A | Ashok Mehta Committee |
| | B | Balwant Rai Mehta Committee |
| | C | Rural Urban Relationship Committee |
| | D | L.M. Singhvi Committee |
| | Correct Answer | B |
| | Marks | 1 |

28

| | |
|-----------------------------|---|
| Question Description | The Technology Business Incubator at IIT Bombay |
| A | FITT |
| B | CIIE |
| C | SINE |
| D | RTBI |
| Correct Answer | C |
| Marks | 1 |

29

| | |
|-----------------------------|---|
| Question Description | The East India Company's army claimed the largest share of the Company's expenditure in India and also it was crucial to effective collection of revenue. Douglas Peers called this situation as _____. |
| A | Military Labour Market |
| B | Anglo-Indian Militarism |
| C | Garrison State |
| D | Military Fiscalism |
| Correct Answer | D |
| Marks | 1 |

30

| | |
|-----------------------------|--|
| Question Description | The speaker can ask a member of the House to stop speaking and let another member speak. This phenomenon is known as |
| A | Decoram |
| B | Crossing the floor |
| C | Interpellation |
| D | Yielding the floor |
| Correct Answer | D |
| Marks | 1 |

31

Comprehension

In the time of Charles the Fifth, Emperor of Germany, Stoeffler, a noted mathematician, and astronomer, a man of great learning, made an astronomical calculation according to the great science of Astrology, and ascertained that the world was to be visited by another deluge. This prediction was absolutely believed by the leading men of the Empire not only, but all of Europe...Thousands of people left their homes in low lands, by the rivers, and near the sea, and sought the more elevated ground. People in some instances abandoned the aged, the sick, and the infirm to the tender mercies of the expected flood, so anxious were they to reach some place of security.

Question Description

In the above passage, the phrase “another deluge” indicates that there had been one more _____ in the past

A

calculation

B

prediction

C

flood

D

astronomer

Correct Answer

C

Marks

1

32

Comprehension

In the time of Charles the Fifth, Emperor of Germany, Stoeffler, a noted mathematician, and astronomer, a man of great learning, made an astronomical calculation according to the great science of Astrology, and ascertained that the world was to be visited by another deluge. This prediction was absolutely believed by the leading men of the Empire not only, but all of Europe...Thousands of people left their homes in low lands, by the rivers, and near the sea, and sought the more elevated ground. People in some instances abandoned the aged, the sick, and the infirm to the tender mercies of the expected flood, so anxious were they to reach some place of security.

Question Description

As per the implicit sense of the passage, the drawback of the prediction was that

- A** it made people abandon the aged, the sick and the infirm to the expected flood
- B** its astronomical calculation was based on the great science of Astrology
- C** it was absolutely believed by not just leading personages but all of Europe
- D** the people were anxious to reach some place of security

Correct Answer

B

Marks

1

33

Comprehension

In the time of Charles the Fifth, Emperor of Germany, Stoeffler, a noted mathematician, and astronomer, a man of great learning, made an astronomical calculation according to the great science of Astrology, and ascertained that the world was to be visited by another deluge. This prediction was absolutely believed by the leading men of the Empire not only, but all of Europe...Thousands of people left their homes in low lands, by the rivers, and near the sea, and sought the more elevated ground. People in some instances abandoned the aged, the sick, and the infirm to the tender mercies of the expected flood, so anxious were they to reach some place of security.

Question Description

The "Emperor of Germany " mentioned in the passage was _____

A

Stoeffler

B

a noted mathematician

C

astronomer

D

Charles the Fifth

Correct Answer

D

Marks

1

34

Comprehension

In the time of Charles the Fifth, Emperor of Germany, Stoeffler, a noted mathematician, and astronomer, a man of great learning, made an astronomical calculation according to the great science of Astrology, and ascertained that the world was to be visited by another deluge. This prediction was absolutely believed by the leading men of the Empire not only, but all of Europe...Thousands of people left their homes in low lands, by the rivers, and near the sea, and sought the more elevated ground. People in some instances abandoned the aged, the sick, and the infirm to the tender mercies of the expected flood, so anxious were they to reach some place of security.

Question Description

The antonym of “elevated” as used in the passage is _____

A

raised

B

undignified

C

demoted

D

low

Correct Answer

D

Marks

1

35

Comprehension

In the time of Charles the Fifth, Emperor of Germany, Stoeffler, a noted mathematician, and astronomer, a man of great learning, made an astronomical calculation according to the great science of Astrology, and ascertained that the world was to be visited by another deluge. This prediction was absolutely believed by the leading men of the Empire not only, but all of Europe...Thousands of people left their homes in low lands, by the rivers, and near the sea, and sought the more elevated ground. People in some instances abandoned the aged, the sick, and the infirm to the tender mercies of the expected flood, so anxious were they to reach some place of security.

Question Description

As per the passage, the reaction of the people to the prediction shows that they were scientifically

A

ill-informed but concerned for their own survival

B

well-informed and so anxious for their own survival

C

uninformed to forsake those who were aged, ill or weak

D

ill-informed and unaware of the impending peril

Correct Answer

A

Marks

1

36

Comprehension

Animals use the weapons nature has furnished, and those only—the beak, the claw, the tusk, the teeth. The barbarians use a club, a stone. As man advances, he makes tools with which to fashion his weapons. He discovers the best material to be used in their construction. He next finds some power to assist him--- that is to say the weight of water or the force of the wind. He then creates a force so to speak, by changing water to steam, and with that he impels machines that can do everything but think. You will observe that the ingenuity of man is first exercised in the construction of weapons. There were splendid Damascus blades when ploughing was done with a stick. There were complete suits of armour on backs that had never felt a shirt.

Question Description

The phrase “splendid Damascus blades” refers broadly to _____

A

a type of plough

B

sharp sticks used in ploughing

C

suits of armour

D

weapons

Correct Answer

D

Marks

1

37

Comprehension

Animals use the weapons nature has furnished, and those only—the beak, the claw, the tusk, the teeth. The barbarians use a club, a stone. As man advances, he makes tools with which to fashion his weapons. He discovers the best material to be used in their construction. He next finds some power to assist him— that is to say the weight of water or the force of the wind. He then creates a force so to speak, by changing water to steam, and with that he impels machines that can do everything but think. You will observe that the ingenuity of man is first exercised in the construction of weapons. There were splendid Damascus blades when ploughing was done with a stick. There were complete suits of armour on backs that had never felt a shirt.

Question Description

From the following options, select the antonym of the word “impel”

A

revel

B

compel

C

expel

D

repel

Correct Answer

C

Marks

1

38

Comprehension

Animals use the weapons nature has furnished, and those only—the beak, the claw, the tusk, the teeth. The barbarians use a club, a stone. As man advances, he makes tools with which to fashion his weapons. He discovers the best material to be used in their construction. He next finds some power to assist him— that is to say the weight of water or the force of the wind. He then creates a force so to speak, by changing water to steam, and with that he impels machines that can do everything but think. You will observe that the ingenuity of man is first exercised in the construction of weapons. There were splendid Damascus blades when ploughing was done with a stick. There were complete suits of armour on backs that had never felt a shirt.

Question Description

The passage as a whole is a comment on the

A

development of weapons by humankind

B

simplicity of the barbarians

C

natural weapons of the animals

D

cycle of human civilization

Correct Answer

A

Marks

1

39

Comprehension

Animals use the weapons nature has furnished, and those only-the beak, the claw, the tusk, the teeth. The barbarians use a club, a stone. As man advances, he makes tools with which to fashion his weapons. He discovers the best material to be used in their construction. He next finds some power to assist him--- that is to say the weight of water or the force of the wind. He then creates a force so to speak, by changing water to steam, and with that he impels machines that can do everything but think. You will observe that the ingenuity of man is first exercised in the construction of weapons. There were splendid Damascus blades when ploughing was done with a stick. There were complete suits of armour on backs that had never felt a shirt.

Question Description

From the options provided below, identify the farthest synonym for the term “ingenuity” as used in the given passage

A

inventiveness

B

skill

C

creativity

D

originality

Correct Answer

B

Marks

1

40

Comprehension

Animals use the weapons nature has furnished, and those only-the beak, the claw, the tusk, the teeth. The barbarians use a club, a stone. As man advances, he makes tools with which to fashion his weapons. He discovers the best material to be used in their construction. He next finds some power to assist him--- that is to say the weight of water or the force of the wind. He then creates a force so to speak, by changing water to steam, and with that he impels machines that can do everything but think. You will observe that the ingenuity of man is first exercised in the construction of weapons. There were splendid Damascus blades when ploughing was done with a stick. There were complete suits of armour on backs that had never felt a shirt.

Question Description

Identify the figures of speech in the following statement: "There were complete suits of armour on backs that had never felt a shirt."

A

metaphor; personification; transferred epithet

B

paradox; personification; simile

C

antithesis;irony; metonymy

D

metaphor; personification

Correct Answer

C

Marks

1

| | | |
|----|-----------------------------|--|
| 41 | Question Description | What is the name of the chatbot developed by Bharat Petroleum Corporation Ltd? |
| | A | Sugar |
| | B | Urja |
| | C | Vijay |
| | D | Sathi |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 42 | Question Description | World Senior Citizen Day is found globally on which date? |
| | A | August 21 |
| | B | August 23 |
| | C | August 28 |
| | D | August 24 |
| | Correct Answer | A |
| | Marks | 1 |

43

| | |
|-----------------------------|---|
| Question Description | Haryana Chief Minister Manohar Lal Khattar has announced to rename which airport as Maharaja Agrasen International Airport? |
| A | Rohtak Airport |
| B | Hisar Airport |
| C | Chandigarh Airport |
| D | New Delhi Airport |
| Correct Answer | B |
| Marks | 1 |

44

| | |
|-----------------------------|--|
| Question Description | India's highest altitude herbal park has been recently inaugurated in which state? |
| A | Uttarakhand |
| B | Uttar Pradesh |
| C | Haryana |
| D | Bihar |
| Correct Answer | A |
| Marks | 1 |

| | | |
|----|-----------------------------|--|
| 45 | Question Description | The government of India has allowed Women to sit in which exam recently for the first time in India? |
| | A | UPSC CSE |
| | B | AFCAT |
| | C | NDA |
| | D | CDS |
| | Correct Answer | C |
| | Marks | 1 |

| | | |
|----|-----------------------------|--|
| 46 | Question Description | The International Dog Day is celebrated on which date? |
| | A | August 12 |
| | B | August 26 |
| | C | August 27 |
| | D | August 31 |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 47 | Question Description | Zair-Al-Bahr is a naval exercise between India and which country? |
| | A | Qatar |
| | B | Oman |
| | C | UAE |
| | D | USA |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 48 | Question Description | The State Bank of India (SBI) recently inaugurated an ATM on a Houseboat in which city? |
| | A | Shillong |
| | B | Guwahati |
| | C | Srinagar |
| | D | Kohima |
| | Correct Answer | C |
| | Marks | 1 |

49

| | |
|-----------------------------|--|
| Question Description | 'Mission Vatsalya' for women who lost their husbands due to COVID-19 has been launched in which state? |
| A | Madhya Pradesh |
| B | Maharashtra |
| C | Gujarat |
| D | Haryana |
| Correct Answer | B |
| Marks | 1 |

50

| | |
|-----------------------------|---|
| Question Description | Ohmium International has launched India's first green hydrogen electrolyzer giga factory at which city? |
| A | Kolkata |
| B | Bengaluru |
| C | Haridwar |
| D | Guwahati |
| Correct Answer | B |
| Marks | 1 |

51

Question Description

Each of these questions contains six statements followed by four sets of combinations of three. Choose the set in which the statements are logically related.

- A. Mary is John's wife.
- B. Mary and John danced together.
- C. Mary wears John's ring.
- D. Husband and wives danced the last waltz.
- E. John loves Mary.
- F. John danced last with Mary.

A ADF**B** ABD**C** ACE**D** AEF**Correct Answer** A**Marks** 1

| | | |
|----|-----------------------------|--|
| 52 | Question Description | As any economist knows, healthy people pose less of an economic burden to society than unhealthy people. Not, surprisingly, then, every Rupee spent by our state governments on prenatal care for undocumented immigrants will save taxpayers of this state three Rupees. Which of the following would best explain why the statistics cited above are not surprising? |
| | A | The state's taxpayers pay for prenatal care of all immigrants. |
| | B | Babies born in this state to undocumented immigrant parents are entitled to infant care benefits from the state. |
| | C | State benefits for prenatal care serve to promote undocumented immigration. |
| | D | Pregnant women who do not receive prenatal care are more likely to experience health problems than other pregnant women. |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 53 | Question Description | These questions is based on a certain code language. Understand the logic in the coding and answer the following question. If the word PROCESSOR is coded as D4F3C5C1E1S1S1E3C6 , and then how the word QUADRANT will be coded. |
| | A | Q1C7A1B2F6A1B7E4 |
| | B | Q1D6A1B2F3A1B7E4 |
| | C | Q1C7A1B2F3A1B7E4 |
| | D | Q1C7A1D2C6A1B7E5 |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 54 | Question Description | Three machines, A, B and C can be used to produce a product. Machine A will take 60 hours to produce a million units. Machine B is twice as fast as Machine A. Machine C will take the same amount of time to produce a million units as A and B running together. How much time will be required to produce a million units if all the three machines are used simultaneously? |
| | A | 12 hours |
| | B | 10 hours |
| | C | 8 hours |
| | D | 6 hour |
| | Correct Answer | B |
| | Marks | 1 |
| 55 | Question Description | If a light flashes every 6 seconds, how many times will it flash in $\frac{3}{4}$ of an hour? |
| | A | 450 |
| | B | 451 |
| | C | 350 |
| | D | 425 |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 56 | Question Description | Shakuntala challenges Dushyant - “Identify the ages of my three younger brothers. No two are of the same age and the sum of their ages is 35.” “This is certainly not enough information .Give me some more clues”, said Dushyant. “Okay”, she replied, “The age of each one is a prime number and if I tell you the age of the middle one, then you would easily get the ages of the others.” What is the age of the eldest brother? |
| | A | 17 years |
| | B | 19 years |
| | C | 23 years |
| | D | 29 years |
| | Correct Answer | C |
| | Marks | 1 |
| | | |
| 57 | Question Description | <p>A study of native born residents in Delhi found that two-thirds of the children developed considerable levels of nearsightedness after starting school, while their illiterate parents and grandparents, who had no opportunity for formal schooling, showed no signs of this disability.</p> <p>If the above statements are true, which of the following conclusions is most strongly supported by them?</p> |
| | A | Only people who have the opportunity for formal schooling develop nearsightedness. |
| | B | People who are illiterate do not suffer from nearsightedness. |
| | C | The nearsightedness in the children is caused by the visual stress required by reading and other class work. |
| | D | Only literate people are nearsighted. |
| | Correct Answer | C |
| | Marks | 1 |

| | | |
|----|-----------------------------|--|
| 58 | Question Description | A group of 10 workers can plough a field in 20 days. This group starts the work and after every 2 days, 2 additional workers join the group. The capacity of each worker is the same. In how many days will the field be ploughed? |
| | A | 11 |
| | B | 12 |
| | C | 14 |
| | D | 13 |
| | Correct Answer | D |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 59 | Question Description | 'Ram' is the father of 'Kusha' but 'Kusha' is not his son. 'Mala' is the daughter of 'Kusha'.'Shalaka' is the spouse of 'Ram'. 'Gopal' is the brother of 'Kusha'. 'Hari' is the son of 'Gopal'. 'Meena' is the spouse of 'Gopal'. 'Ganpat' is the father of 'Meena'. Who is the granddaughter of 'Ram'? |
| | A | Hari |
| | B | Mala |
| | C | Meena |
| | D | Shalaka |
| | Correct Answer | B |
| | Marks | 1 |

60

Question Description

A calculator has two memory buttons, A and B. Value 1 is initially stored in both memory locations.

The following sequence of steps is carried out five times:

add 1 to B

multiply A to B

store the result in A

What is the value stored in memory location A after this procedure?

A 120

B 450

C 720

D 250

Correct Answer C

Marks 1

| | | |
|----|-----------------------------|--|
| 61 | Question Description | <p>People should be held accountable for their own behaviour, and if holding people accountable for their own behaviour entails capital punishment, then so be it. However, no person should be held accountable for behaviour over which he or she had no control.</p> <p>Which of the following is the most logical conclusion of the argument above?</p> |
| | A | People should not be held accountable for the behaviour of other people. |
| | B | People have control over their own behaviour. |
| | C | People cannot control the behaviour of other people. |
| | D | Behaviour that cannot be controlled should not be punished. |
| | Correct Answer | D |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 62 | Question Description | <p>The rate of violent crime in this state is up 30 percent from last year. The fault lies entirely in our system of justice. Recently our judges' sentences have been so lenient that criminals can now do almost anything without fear of a long prison term.</p> <p>The argument above would be weakened if it were true that</p> |
| | A | 85 percent of the other states in the nation have lower crime rates than does this state. |
| | B | white collar crime in this state has also increased by over 25 percent in the last year. |
| | C | 35 percent of the police in this state have been laid off in the last year due to budget cuts. |
| | D | polls show that 65 percent of the population in this state opposes capital punishment. |
| | Correct Answer | C |
| | Marks | 1 |

63

Question Description

A man starting at a point walks one km east, then two km north, then one km east, then one km north, then one km east and then one km north to arrive at the destination. What is the shortest distance from the starting point to the destination?

A $2\sqrt{2} \text{ km}$ **B** 7 km **C** $3\sqrt{2} \text{ km}$ **D** 5 km **Correct Answer**

D

Marks

1

64

Comprehension**Answer the questions based on the following information:**

Ramesh works X hours a day and rests Y hours a day. This pattern continues for one week, with an exactly opposite pattern for the next week and so on for four weeks. Every fifth week, he has a different pattern. When he works longer than he rests, his wage per hour is twice what he earns per hour, when he rests longer than he works. The following are his daily working hours for the weeks numbered 1 to 13.

| | 1st Week | 5th Week | 9th Week | 13th Week |
|------|----------|----------|----------|-----------|
| Rest | 2 | 3 | 4 | – |
| Work | 5 | 7 | 6 | 8 |

A week consists of six days and the month consists of four weeks.

Question Description

If Ramesh is paid Rs. 20 per working hour, in the first week, what is his salary for the first month?

A 1760

B 1440

C 1320

D 1680

Correct Answer B

Marks 1

65

Comprehension**Answer the questions based on the following information:**

Ramesh works X hours a day and rests Y hours a day. This pattern continues for one week, with an exactly opposite pattern for the next week and so on for four weeks. Every fifth week, he has a different pattern. When he works longer than he rests, his wage per hour is twice what he earns per hour, when he rests longer than he works. The following are his daily working hours for the weeks numbered 1 to 13.

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|------|----------|----------|----------|-----------|
| Rest | 2 | 3 | 4 | – |
| Work | 5 | 7 | 6 | 8 |

A week consists of six days and the month consists of four weeks.

Question Description

Ramesh's average monthly salary at the end of the first four months will be

A

1780

B

2040

C

1830

D

1680

Correct Answer

C

Marks

1

Comprehension

Answer the questions based on the following information:

Ramesh works X hours a day and rests Y hours a day. This pattern continues for one week, with an exactly opposite pattern for the next week and so on for four weeks. Every fifth week, he has a different pattern. When he works longer than he rests, his wage per hour is twice what he earns per hour, when he rests longer than he works. The following are his daily working hours for the weeks numbered 1 to 13.

| | 1st Week | 5th Week | 9th Week | 13th Week |
|------|----------|----------|----------|-----------|
| Rest | 2 | 3 | 4 | – |
| Work | 5 | 7 | 6 | 8 |

A week consists of six days and the month consists of four weeks.

Question Description

What will be the total earning of Ramesh at the end of the sixteenth week?

A 7320

B 7800

C 8400

D 9600

Correct Answer A

Marks 1

Comprehension

Questions are based on a set of conditions. In answering some of the questions, it may be useful to draw a rough diagram. Choose the response that most accurately and completely answers each question.

In a local pet store, seven puppies wait to be introduced to their new owners. The puppies, named Ashlen, Blakely, Custard, Daffy, Earl, Fala and Gabino, are all kept in two available pens. Pen 1 holds three puppies, and pen 2 holds four puppies.

If Gabino is kept in pen 1, then Daffy is not kept in pen 2.

If Daffy is not kept in pen 2, then Gabino is kept in pen 1.

If Ashlen is kept in pen 2, then Blakely is not kept in pen 2.

If Blakely is kept in pen 1, then Ashlen is not kept in pen 1.

Question Description

Which of the following groups of puppies could be in pen 2?

A

Gabino, Daffy, Custard, Earl.

B

Blakely, Gabino, Ashlen, Daffy.

C

Ashlen, Gabino, Earl, Custard.

D

Blakely, Custard, Earl, Fala.

Correct Answer

D

Marks

1

Comprehension

Questions are based on a set of conditions. In answering some of the questions, it may be useful to draw a rough diagram. Choose the response that most accurately and completely answers each question.

In a local pet store, seven puppies wait to be introduced to their new owners. The puppies, named Ashlen, Blakely, Custard, Daffy, Earl, Fala and Gabino, are all kept in two available pens. Pen 1 holds three puppies, and pen 2 holds four puppies.

If Gabino is kept in pen 1, then Daffy is not kept in pen 2.

If Daffy is not kept in pen 2, then Gabino is kept in pen 1.

If Ashlen is kept in pen 2, then Blakely is not kept in pen 2.

If Blakely is kept in pen 1, then Ashlen is not kept in pen 1.

Question Description

If Earl shares a pen with Fala, then which of the following **MUST** be true?

A

Gabino is in pen 1 with Daffy.

B

Custard is in pen 2.

C

Blakely is in pen 2 and Fala is in pen 1.

D

Earl is in pen 1.

Correct Answer

B

Marks

1

Comprehension

Questions are based on a set of conditions. In answering some of the questions, it may be useful to draw a rough diagram. Choose the response that most accurately and completely answers each question.

In a local pet store, seven puppies wait to be introduced to their new owners. The puppies, named Ashlen, Blakely, Custard, Daffy, Earl, Fala and Gabino, are all kept in two available pens. Pen 1 holds three puppies, and pen 2 holds four puppies.

If Gabino is kept in pen 1, then Daffy is not kept in pen 2.

If Daffy is not kept in pen 2, then Gabino is kept in pen 1.

If Ashlen is kept in pen 2, then Blakely is not kept in pen 2.

If Blakely is kept in pen 1, then Ashlen is not kept in pen 1.

Question Description

If Earl and Fala are in different pens, then which of the following must NOT be true?

A

Fala shares a pen with Custard.

B

Gabino shares a pen with Ashlen.

C

Earl is in a higher-numbered pen than Blakely.

D

Custard is in a higher numbered pen than Fala.

Correct Answer

D

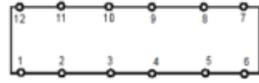
Marks

1

Comprehension

Twelve people Aashu, Abhishek, Feroz, Himanshu, Jatin, Manoj, Mohit, Sajid, Saral, Shivku, Tarun and Vijay are sitting at a rectangular table. The table has 12 chairs numbered from 1 to 12 (see figure) and each chair is occupied by one of the 12 people (not necessarily in the same order). Some additional information is given below:

- i. Manoj, sitting at chair number 1, is diagonally opposite Feroz who is sitting opposite Himanshu.
- ii. Jatin is sitting opposite Saral who is the only person sitting between Abhishek and Vijay.
- iii. Aashu is sitting opposite Tarun who is the only person sitting between Feroz and Shivku.

**Question Description**

If Shivku is not sitting opposite Vijay, then who is sitting next to Manoj?

A

Abhishek

B

Jatin

C

Vijay

D

Either Jatin or Vijay

Correct Answer

D

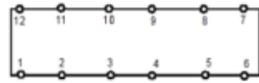
Marks

1

Comprehension

Twelve people Aashu, Abhishek, Feroz, Himanshu, Jatin, Manoj, Mohit, Sajid, Saral, Shivku, Tarun and Vijay are sitting at a rectangular table. The table has 12 chairs numbered from 1 to 12 (see figure) and each chair is occupied by one of the 12 people (not necessarily in the same order). Some additional information is given below:

- i. Manoj, sitting at chair number 1, is diagonally opposite Feroz who is sitting opposite Himanshu.
- ii. Jatin is sitting opposite Saral who is the only person sitting between Abhishek and Vijay.
- iii. Aashu is sitting opposite Tarun who is the only person sitting between Feroz and Shivku.

**Question Description**

How many different seating arrangements are possible if Manoj is not sitting next to Vijay?

A

Two

B

Three

C

Four

D

Six

Correct Answer

D

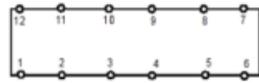
Marks

1

Comprehension

Twelve people Aashu, Abhishek, Feroz, Himanshu, Jatin, Manoj, Mohit, Sajid, Saral, Shivku, Tarun and Vijay are sitting at a rectangular table. The table has 12 chairs numbered from 1 to 12 (see figure) and each chair is occupied by one of the 12 people (not necessarily in the same order). Some additional information is given below:

- i. Manoj, sitting at chair number 1, is diagonally opposite Feroz who is sitting opposite Himanshu.
- ii. Jatin is sitting opposite Saral who is the only person sitting between Abhishek and Vijay.
- iii. Aashu is sitting opposite Tarun who is the only person sitting between Feroz and Shivku.

**Question Description**

If Sajid is sitting at one of the corner seats, then who is sitting opposite him?

A

Manoj

B

Jatin

C

Himanshu

D

Aashu

Correct Answer

A

Marks

1

73

Comprehension

Answer the questions on the basis of the information given below.

Four machines A, B, C and D can produce four items E, F, G and H. The efficiency (in units/hr) of the machines for each product (while working alone on that product) is given in the table below.

| | E | F | G | H |
|---|-----|-----|-----|-----|
| A | 75 | 150 | 125 | 50 |
| B | 125 | 75 | 100 | 100 |
| C | 100 | 125 | 125 | 75 |
| D | 125 | 75 | 75 | 125 |

Question Description

If 5000 units each of E, F, G and H are required then which machine will take the least time if used alone?

A

C

B

D

C

B

D

A

Correct Answer

A

Marks

1

74

Comprehension

Answer the questions on the basis of the information given below.

Four machines A, B, C and D can produce four items E, F, G and H. The efficiency (in units/hr) of the machines for each product (while working alone on that product) is given in the table below.

| | E | F | G | H |
|---|-----|-----|-----|-----|
| A | 75 | 150 | 125 | 50 |
| B | 125 | 75 | 100 | 100 |
| C | 100 | 125 | 125 | 75 |
| D | 125 | 75 | 75 | 125 |

Question Description

1680 units each of E, F, G and H are required. Each machine can produce only one item and no two machines can work simultaneously. How should the items be assigned to different machines so that the total time taken is minimum?

A

A – H, B – E, C – G, D – F

B

A – H, B – G, C – E, D – F

C

A – F, B – E, C – G, D – H

D

A – F, B – E, C – H, D – G

Correct Answer

C

Marks

1

75

Comprehension

Answer the questions on the basis of the information given below.

Four machines A, B, C and D can produce four items E, F, G and H. The efficiency (in units/hr) of the machines for each product (while working alone on that product) is given in the table below.

| | E | F | G | H |
|---|-----|-----|-----|-----|
| A | 75 | 150 | 125 | 50 |
| B | 125 | 75 | 100 | 100 |
| C | 100 | 125 | 125 | 75 |
| D | 125 | 75 | 75 | 125 |

Question Description

Machines A and B can be operated only between 10 a.m. and 2 p.m. on a given day. They have to produce equal number of units of each item e.g. If machine A produces 100 units then it has to be 25 units each of E, F, G and H. What is the ratio of the maximum number of units that A and B can produce respectively?

A

31 : 36

B

83 : 96

C

31 : 37

D

None of these

Correct Answer

B

Marks

1