

Computer Based Examination System

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| Exported On * | 2021/04/13 11:04:31 |
| Title * | Question Paper Answer Key |
| OES Exam * | GPSC13202010 Assistant Professors in Government College in Botany Completed 2021-04-10 |

| | | |
|---|-----------------------------|---|
| 1 | Question Description | The termination of transcription occurs in both rho-dependent and rho-independent manner. Which of the following is NOT true regarding the termination of transcription |
| | A | rho proteins recognize C-rich region near 3'end of the newly synthesized RNA |
| | B | rho-independent termination occurs when the transcription reaches the palindromic structure leading to the formation of hairpins |
| | C | rho protein competes with RNA polymerase for binding to nucleotides |
| | D | None of the above |
| | Correct Answer | C |
| | Marks | 1 |

| | | |
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| 2 | Question Description | In eukaryotes, three different RNA polymerases are involved in the synthesis of a different class of RNAs namely: rRNA, tRNA, and mRNA. The RNA polymerase that is required for the synthesis of mRNA is |
| | A | RNA polymerase I |
| | B | RNA polymerase II |
| | C | RNA polymerase III |
| | D | None of the above |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
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| 3 | Question Description | A method of breeding most commonly used when the desired variation is required to be induced in a vegetatively propagated crop is: |
| | A | Polyploidy |
| | B | Pedigree method of breeding |
| | C | Mutation breeding |
| | D | Backcross method of breeding |
| | Correct Answer | A |
| | Marks | 1 |

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| 4 | Question Description | For the translation process, besides eIF2 and Met-t-RNA, the eukaryotic 80S ribosome also requires _____ |
| | A | GTP |
| | B | ATP |
| | C | CTP |
| | D | UTP |
| | Correct Answer | A |
| | Marks | 1 |

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| 5 | Question Description | The bases are held together in a DNA double helix by hydrogen bonds. These bonds are |
| | A | Ionic bonds |
| | B | Covalent bonds |
| | C | Non-covalent bonds |
| | D | Van der Waals forces |
| | Correct Answer | C |
| | Marks | 1 |

6

Question Description *Kappaphycus* is the source of

A Carrageenan

B Alginic acid

C Agar

D Starch

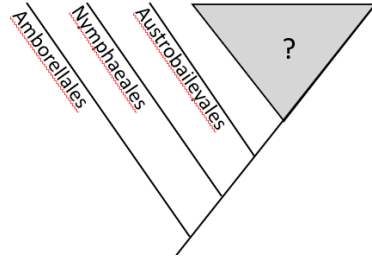
Correct Answer A

Marks 1

7

Question Description

In the following diagram depicting APG IV classification, name the group labelled with '?'

**A**

Eudicots

B

Mesangiospermae

C

Monocots

D

Ceratophyllales

Correct Answer

B

Marks

1

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|---|-----------------------------|--|
| 8 | Question Description | Which of the following is not a catalytic strategy for an enzyme to perform specific reaction? |
| | A | Covalent catalysis |
| | B | Metal ion catalysis |
| | C | Michaelis constant |
| | D | Acid-base catalysis |
| | Correct Answer | C |
| | Marks | 1 |
| 9 | Question Description | A plant with genotype Gg Ww will produce gametes of which of the following types? |
| | A | GW, gw, gW,Gw |
| | B | GG,WW,gg,ww |
| | C | Gw,GG,GW |
| | D | All of them |
| | Correct Answer | A |
| | Marks | 1 |

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| 10 | Question Description | Which of the following is not a characteristics of “r” slected species |
| | A | produce large number of progenies |
| | B | reproduce quickly |
| | C | Low survival rate of progenies |
| | D | parental care |
| | Correct Answer | D |
| | Marks | 1 |
| 11 | Question Description | How many molecules of ATP are required to fix one molecule of nitrogen? |
| | A | 12 |
| | B | 20 |
| | C | 6 |
| | D | 16 |
| | Correct Answer | D |
| | Marks | 1 |

12

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| Question Description | In thermal stratification where the water body is divided into several layers, the middle region which shows vertical temperature change are called |
| A | Epilimnion |
| B | Mesolimnion |
| C | Hypolimnion |
| D | metalimnion |
| Correct Answer | D |
| Marks | 1 |

13

Question Description

Choose the correct option from the given information.

1. Stroma is compact reproductive structure on which/in which fructification is usually formed.
2. Sclerotium is hard resting body resistant to unfavorable conditions and do not germinate on return of favorable conditions.
3. Rhizomorph are resistant to unfavorable conditions remaining dormant until favorable conditions.
4. Rhizomorph are thick strands of mycelium with hard cortex.

Choose correct options below:

A 1 and 2

B 1 and 3

C 2 and 3

D 3 and 4

Correct Answer D

Marks 1

| | | |
|----|-----------------------------|--|
| 14 | Question Description | Coenobium type of thallus organization is seen in, |
| | A | Zygnematales |
| | B | Cladophorales |
| | C | Volvocales |
| | D | Dasycladales |
| | Correct Answer | C |
| | Marks | 1 |

| | | |
|----|-----------------------------|--|
| 15 | Question Description | Which one of the following shall be given priority for conservation? |
| | A | Monotypic genus under EN category |
| | B | A species of a large genus with CR category |
| | C | A species of a large genus with EN category |
| | D | Monotypic genus under CR category |
| | Correct Answer | D |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 16 | Question Description | Which algal division is divided up into three main groups consisting of the golden-brown algae, the yellow-green algae and the diatoms? |
| | A | Chlorophyta |
| | B | Chrysophyta |
| | C | Phaeophyta |
| | D | Pyrrophyta |
| | Correct Answer | B |
| | Marks | 1 |
| 17 | Question Description | In accordance with the recommendation of committee on International rules of Botanical Nomenclature the fungus name ending with “mycetidae” belongs to _____. |
| | A | Subdivision |
| | B | Class |
| | C | Subclass |
| | D | Order |
| | Correct Answer | C |
| | Marks | 1 |

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| 18 | Question Description | When there is an increase in the condensation of chromatin during the process of cell division |
| | A | Heterochromatin increases |
| | B | Euchromatin increases |
| | C | Differentiation of euchromatin & heterochromatin decreases |
| | D | Differentiation of euchromatin & heterochromatin increases |
| | Correct Answer | C |
| | Marks | 1 |
| 19 | Question Description | In a pond ecosystem, the bottom area where the production is lesser than the respiration ($P/R < 1$) is termed as |
| | A | Limnetic zone |
| | B | Profundal zone |
| | C | Benthic zone |
| | D | Tidal zone |
| | Correct Answer | B |
| | Marks | 1 |

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|----|-----------------------------|-----------------------------------|
| 20 | Question Description | The “Black 47” is related to....? |
| | A | Great Bengal Famine |
| | B | Irish Famine |
| | C | Famine in Edessa |
| | D | Famine throughout Europe 1016 |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 21 | Question Description | Assemblage of microtubules perpendicular to the spindles at the equator of cell at Telophase is a characteristic feature of |
| | A | All algae |
| | B | Only in Green algae |
| | C | Green algae and Charophytes |
| | D | Green algae and Higher plants |
| | Correct Answer | D |
| | Marks | 1 |

| | | |
|----|-----------------------------|--|
| 22 | Question Description | The term "ecosystem" was first proposed by |
| | A | A.G. Tansely |
| | B | H.T. Odum |
| | C | Karl Mobius |
| | D | None of these |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 23 | Question Description | The sequence of the structural genes in the lac operon is |
| | A | lacA-lacZ-lacY |
| | B | lacZ-lacY-lacA |
| | C | lacZ-lacA-lacY |
| | D | lacA-lacY-lacZ |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 24 | Question Description | Haptonema is Present in |
| | A | Xanthopyceae |
| | B | Prymnesiophyceae |
| | C | Bacillariophyceae |
| | D | All of the above |
| | Correct Answer | B |
| | Marks | 1 |
| 25 | Question Description | What is the function of the Bacteriophage lambda N gene? |
| | A | It promotes the function of terminators |
| | B | It overrides the function of terminators |
| | C | It promotes the production of the cro gene |
| | D | It is responsible for making the infectious particle linear |
| | Correct Answer | B |
| | Marks | 1 |

26

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| Question Description | DNA fingerprinting recognizes the differences in |
| A | satellite DNA |
| B | bulk DNA |
| C | Repetitive DNA |
| D | both (A) and (C) |
| Correct Answer | D |
| Marks | 1 |

27

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| Question Description | The stress hormone of the plant is _____. |
| A | Brassinosteroid |
| B | Absciscic acid |
| C | Cytokines |
| D | Ethylene |
| Correct Answer | B |
| Marks | 1 |

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|----|-----------------------------|---|
| 28 | Question Description | Pit connections are present in, |
| | A | All members of Rhodophyceae |
| | B | Only in Florideophyceae |
| | C | Only in Bangiophycideae |
| | D | None of the above |
| | Correct Answer | C |
| | Marks | 1 |
| 29 | Question Description | As the two strands of the double helix are separated, the positive supercoiling interferes with the further unwinding of DNA. Which of the following enzyme makes a break in a strand of DNA to release the supercoiling and facilitate the replication to occur? |
| | A | DnaA protein |
| | B | Single-strand binding protein |
| | C | DNA polymerase |
| | D | Topoisomerase |
| | Correct Answer | D |
| | Marks | 1 |

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|----|-----------------------------|--|
| 30 | Question Description | Which of these subunits of RNA polymerase is totally required to initiate transcription? |
| | A | alpha (α) |
| | B | sigma (σ) |
| | C | omega (ω) |
| | D | beta (β) |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 31 | Question Description | The two pigment system theory of photosynthesis was proposed by ----- |
| | A | Aron |
| | B | Blackman |
| | C | Hill |
| | D | Emerson |
| | Correct Answer | D |
| | Marks | 1 |

32 **Question Description** The casual organism of wilt of cotton wilt is?

A *Fusarium oxysporium.*

B *Verticillium dahliae.*

C Both a and b.

D None of the above.

Correct Answer A

Marks 1

33 **Question Description** The percentage of oxygen and carbon dioxide in the atmosphere is

A 20.0% and 0.4 %

B 20.95% and 0.04%

C 20.95% and 0.004%

D 20.0% and 0.44%

Correct Answer B

Marks 1

| | | |
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| 34 | Question Description | A nucleoside is composed of |
| | A | a base+ a sugar+ phosphate |
| | B | a base+ a phosphate |
| | C | a base+ a sugar |
| | D | none of these |
| | Correct Answer | C |
| | Marks | 1 |
| 35 | Question Description | The action of UV radiation on DNA to induce mutation is the |
| | A | Formation of thymine dimers |
| | B | Methylation of base pairs |
| | C | Deletion of base pairs |
| | D | Addition of base pairs |
| | Correct Answer | A |
| | Marks | 1 |

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|----|-----------------------------|--|
| 36 | Question Description | Clump formation during sexual reproduction occurs in |
| | A | Chlamydomonas |
| | B | Oedogonium |
| | C | Both (a) and (b) |
| | D | None of these |
| | Correct Answer | A |
| | Marks | 1 |

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|----|-----------------------------|--|
| 37 | Question Description | The symptoms of black arm in cotton appear when bacteria attacks on _____? |
| | A | Stalk |
| | B | Internodes |
| | C | Stem. |
| | D | Poor twigs. |
| | Correct Answer | C |
| | Marks | 1 |

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| 38 | Question Description | Which of the following is not involved in the post transcriptional processing of t-RNA? |
| | A | Base modulation |
| | B | Attachment of CCA arm |
| | C | Splicing |
| | D | Attachment of poly-A tail |
| | Correct Answer | D |
| | Marks | 1 |
| 39 | Question Description | The citrus canker lesions are characterized by the over development of and by pathogen? |
| | A | Parenchymatous tissues and <i>Xanthomonas compestris</i> pv. citrid |
| | B | Epidermal tissues and <i>Xanthomonas compestris</i> pv. citri |
| | C | Ectodermal tissues and <i>Xanthomonas axonopodis</i> pv. citri. |
| | D | Endodermal tissues and <i>Xanthomnas axonopodis</i> pv. citri.d |
| | Correct Answer | A |
| | Marks | 1 |

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| 40 | Question Description | This force can stabilize a DNA double-helix |
| | A | Hydrophilic sugar-phosphate groups are found on the exterior of the helix where interaction with water occurs |
| | B | Hydrophobic bases are present in the interior of the helix, each base-pair is stabilized by the same number of hydrogen bonds |
| | C | covalent base stacking interactions may take place between neighbouring bases within the same strand in the helix |
| | D | non-covalent N-glycosidic bonds may form between nitrogenous bases in opposite strands in the helix |
| | Correct Answer | A |
| | Marks | 1 |

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| 41 | Question Description | Which one of the following DNA sequences will be resolving the relationship between the closely related species better? |
| | A | ITS |
| | B | rbcL |
| | C | matK |
| | D | trnL |
| | Correct Answer | A |
| | Marks | 1 |

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| 42 | Question Description | In the presence of lactose, how long does it take for the lac operon to be expressed? |
| | A | When lactose equals glucose concentration |
| | B | When glucose is more than lactose concentration |
| | C | As long as lactose is more than glucose concentration |
| | D | As long as lactose is more than galactose concentration |
| | Correct Answer | C |
| | Marks | 1 |
| 43 | Question Description | Fungi which consist of two mating types of individuals that differ in genetic make up for compatibility factor are _____. |
| | A | Unifactorial Homothallic |
| | B | Bifactorial Homothallic |
| | C | Unifactorial Heterothallic |
| | D | Bifactorial Heterothallic |
| | Correct Answer | C |
| | Marks | 1 |

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| 44 | Question Description | In relation to interrupted protoplast of filamentous fungi the word “Adventitious” refers to? |
| | A | Hyphae with thin, transparent, tubular wall filled or lined with layer of protoplast. |
| | B | Coenocytic hyphae with septa formed at the base of reproductive organs |
| | C | Septa formed in association with nuclear division |
| | D | Septa formed in association with changes in the concentration of protoplast |
| | Correct Answer | D |
| | Marks | 1 |
| 45 | Question Description | Biome is |
| | A | a part of the earth and its atmosphere which inhabits living organisms |
| | B | a community of organisms interacting with each other |
| | C | the fauna and flora on land |
| | D | the fauna and flora on ocean |
| | Correct Answer | B |
| | Marks | 1 |

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| 46 | Question Description | Which of the following reactions is required for proofreading during DNA replication by DNA polymerase III? |
| | A | 5' to 3' exonuclease activity |
| | B | 3' to 5' exonuclease activity |
| | C | 3' to 5' endonuclease activity |
| | D | 5' to 3' endonuclease activity |
| | Correct Answer | B |
| | Marks | 1 |
| 47 | Question Description | According to Shelford's law of tolerance, an organism with wide tolerance limit for environmental factor usually show |
| | A | Wide distribution with population size |
| | B | Wide distribution with high population size |
| | C | Narrow distribution with low population size |
| | D | Narrow distribution with high population size |
| | Correct Answer | B |
| | Marks | 1 |

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| 48 | Question Description | A DNA molecule in which both strands have radioactive thymidine is permitted to replicate in an environment that contains non-radioactive thymidine. What is the right number of DNA molecules which possess some radioactive thymidine post three duplications? |
| | A | one such molecule |
| | B | two such molecules |
| | C | four such molecules |
| | D | eight such molecules |
| | Correct Answer | B |
| | Marks | 1 |

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| 49 | Question Description | Biotic potential is counteracted by |
| | A | Competition with other organism |
| | B | Producer is the largest |
| | C | Limitation of food supply |
| | D | None of the above |
| | Correct Answer | D |
| | Marks | 1 |

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| 50 | Question Description | Protons accumulate on the _____ in mitochondria during respiration. |
| | A | Inner membrane |
| | B | Intermembrane space |
| | C | Outer membrane |
| | D | None of the above |
| | Correct Answer | B |
| | Marks | 1 |
| 51 | Comprehension | <p>Read the following passage and answer the questions given below:-</p> <p>Arnold Toynbee said about Ramakrishna that ‘his religious activity and experience were comprehensive to a degree that had perhaps never before been attained by any other religious genius in India or elsewhere’. You will hear only echoes of such words if you go through some recent works on Ramakrishna published in the West. What is most important in all works for the dissemination of Vedanta philosophy in its bearings on the idea of universal religion is to affirm, without any reservation, that this ideal does not touch any religion as it exists but only urges a universal approach to all religions. By universal religion, Vivekananda meant this mingling of faiths and he thought it was Vedanta, particularly Advaita Vedanta, which could bring about this mingling of spiritual tunes in a grand harmony of faiths.</p> |
| | Question Description | The statement, ‘his religious activity and experience were comprehensive to a degree that had perhaps never before been attained by any other religious genius in India or elsewhere’, implies that as a religious genius, his religious activity and experience were |
| | A | probably the first, and so far, the most comprehensive in the world |
| | B | likely to be the most comprehensive in India and elsewhere |

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| C | those which few others had attained in the past in India or elsewhere |
| D | perhaps the best and comprehensive attainments in the world |
| Correct Answer | A |
| Marks | 1 |

52

Comprehension

Read the following passage and answer the questions given below:-

Arnold Toynbee said about Ramakrishna that 'his religious activity and experience were comprehensive to a degree that had perhaps never before been attained by any other religious genius in India or elsewhere'. You will hear only echoes of such words if you go through some recent works on Ramakrishna published in the West. What is most important in all works for the dissemination of Vedanta philosophy in its bearings on the idea of universal religion is to affirm, without any reservation, that this ideal does not touch any religion as it exists but only urges a universal approach to all religions. By universal religion, Vivekananda meant this mingling of faiths and he thought it was Vedanta, particularly Advaita Vedanta, which could bring about this mingling of spiritual tunes in a grand harmony of faiths.

Question Description

Identify from the following options, the most crucial thing for Vedanta philosophy, mentioned in the passage:

A

insistence on its dissemination without reservation

B

affirmation of its universal approach to religion

C

emphasis on its bearing on universal religion

D

affirmation of ideal religion as its exists

Correct Answer

B

Marks

1

53

Comprehension

Read the following passage and answer the questions given below:-

Arnold Toynbee said about Ramakrishna that 'his religious activity and experience were comprehensive to a degree that had perhaps never before been attained by any other religious genius in India or elsewhere'. You will hear only echoes of such words if you go through some recent works on Ramakrishna published in the West. What is most important in all works for the dissemination of Vedanta philosophy in its bearings on the idea of universal religion is to affirm, without any reservation, that this ideal does not touch any religion as it exists but only urges a universal approach to all religions. By universal religion, Vivekananda meant this mingling of faiths and he thought it was Vedanta, particularly Advaita Vedanta, which could bring about this mingling of spiritual tunes in a grand harmony of faiths.

Question Description

Identify from the following options, the antonym of the word 'dissemination' as it is used in the passage:

A

dissipation

B

proclamation

C

extirpation

D

propagation

Correct Answer

C

Marks

1

54

Comprehension

Read the following passage and answer the questions given below:-

Arnold Toynbee said about Ramakrishna that 'his religious activity and experience were comprehensive to a degree that had perhaps never before been attained by any other religious genius in India or elsewhere'. You will hear only echoes of such words if you go through some recent works on Ramakrishna published in the West. What is most important in all works for the dissemination of Vedanta philosophy in its bearings on the idea of universal religion is to affirm, without any reservation, that this ideal does not touch any religion as it exists but only urges a universal approach to all religions. By universal religion, Vivekananda meant this mingling of faiths and he thought it was Vedanta, particularly Advaita Vedanta, which could bring about this mingling of spiritual tunes in a grand harmony of faiths.

Question Description

Identify the word that is farthest in meaning to the word 'echo' from the options given below:

A

reflection

B

reproduction

C

reverberation

D

facsimile

Correct Answer

D

Marks

1

Comprehension

Read the following passage and answer the questions given below:-

Arnold Toynbee said about Ramakrishna that 'his religious activity and experience were comprehensive to a degree that had perhaps never before been attained by any other religious genius in India or elsewhere'. You will hear only echoes of such words if you go through some recent works on Ramakrishna published in the West. What is most important in all works for the dissemination of Vedanta philosophy in its bearings on the idea of universal religion is to affirm, without any reservation, that this ideal does not touch any religion as it exists but only urges a universal approach to all religions. By universal religion, Vivekananda meant this mingling of faiths and he thought it was Vedanta, particularly Advaita Vedanta, which could bring about this mingling of spiritual tunes in a grand harmony of faiths.

Question Description

From the options provided below, select the one that comes closest in meaning to the phrase 'grand harmony' in the sense it is used in the passage:

A

magnificent consonance of faiths

B

great concord of all religions

C

impressive accord of religions

D

awe-inspiring unison of all faiths

Correct Answer

A

Marks

1

| | | |
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| 56 | Question Description | Which country has recently been renamed as 'The Kingdom of eswatini'? |
| | A | zambia |
| | B | soloman island |
| | C | marshall island |
| | D | Swaziland |
| | Correct Answer | D |
| | Marks | 1 |

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|----|-----------------------------|--|
| 57 | Question Description | Name the woman officer who was included in BSF as the first woman Combat Officer of India? |
| | A | Devika Pathak |
| | B | Tejaswini Ojha |
| | C | Priyanka Gaikwad |
| | D | Tanushree Pareek |
| | Correct Answer | D |
| | Marks | 1 |

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| 58 | Question Description | Which bank has fined Rs 2 crore for paying commission to employees? |
| | A | Punjab National Bank |
| | B | State Bank of India |
| | C | Union Bank of India |
| | D | Central Bank of India |
| | Correct Answer | B |
| | Marks | 1 |
| 59 | Question Description | Who is the originator of the tree plantation festival known as 'Van Mahotsav' in India? |
| | A | Jawaharlal Nehru |
| | B | VinobaBhave |
| | C | K.R. M. Munshi |
| | D | Mahatma Gandhi |
| | Correct Answer | C |
| | Marks | 1 |

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|----|-----------------------------|----------------------------|
| 60 | Question Description | How much is one decalitre? |
| | A | 10 kilolitre |
| | B | 10 litre |
| | C | 100 litre |
| | D | 10 centilitre |
| | Correct Answer | B |
| | Marks | 1 |

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|----|-----------------------------|--|
| 61 | Question Description | Where is "Paunar Ashram" established by VinobaBhave located? |
| | A | Maharashtra |
| | B | Rajasthan |
| | C | Bihar |
| | D | Gujarat |
| | Correct Answer | A |
| | Marks | 1 |

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| 62 | Question Description | Indo-Pak Baglihar Project is located on which one of the following rivers? |
| | A | Jhelum |
| | B | Sutlej |
| | C | Diameter |
| | D | Chenab |
| | Correct Answer | D |
| | Marks | 1 |

| | | |
|----|-----------------------------|--------------------------------------|
| 63 | Question Description | Where is "Sher Shah's Tomb" located? |
| | A | Delhi |
| | B | Ajmer |
| | C | Lahore |
| | D | Sasaram |
| | Correct Answer | D |
| | Marks | 1 |

| | | |
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| 64 | Question Description | In 2021, the theme of Global Recycling Day is "_____". |
| | A | Air pollution |
| | B | Time for nature |
| | C | Plastic pollution |
| | D | Recycling Heroes |
| | Correct Answer | D |
| | Marks | 1 |

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| 65 | Question Description | Which of the following is a non metal that remains liquid at room temperature? |
| | A | Phosphorous |
| | B | Bromine |
| | C | Chlorine |
| | D | Helium |
| | Correct Answer | B |
| | Marks | 1 |

Question Description

In each of the question below are given four statements followed by four conclusions numbered I, II III and IV You have to take the given statements to be true even if they seem to be at variance from commonly known facts Read all the conclusions and then decide which of the given conclusions logically follows from the given statement disregarding commonly known facts.

Statements:

Some trains are cars.
 All cars are branches
 All branches are nets
 Some nets are dresses

Conclusions:

- I. Some dresses are cars.
- II. Some nets are trains.
- III. Some branches are trains.
- IV. Some dresses are trains.

A Only I and III follow

B Only II and III follow

C Only I and IV follow

D Only II III and IV follow

Correct Answer B

Marks 1

67

Question Description

Seby has 6 vehicles, of which 3 vehicles are blue in color. One of the vehicle is SUV
Which of the following statement is true

A

Seby has blue SUV

B

Seby has 3 cars

C

Seby's favorite colour is blue

D

None of the above

Correct Answer

D

Marks

1

68

Question Description

Below given question has a main statement followed by four statements labelled A, B, C and D. Choose the ordered pair of statements, where the first statement implies the second and the two statements are logically consistent with the main statement.

You cannot catch the bus unless it is morning.

- (A) This is morning.
- (B) You can catch the bus.
- (C) This is not morning.
- (D) You cannot catch the bus.

A

BD

B

AC

C

CB

D

CD

Correct Answer

D

Marks

1

69

Question Description

Direction: In the following question, a statement is given followed by two conclusions. Choose the correct option.

Statement: Any student who follow un-ethical practices in examination disqualifies himself from examinations

Conclusion:

- I. Those who involve in un-ethical practices in examination shall be debarred
- II. Examination system should be improved.

A

Only Conclusion (I) follows

B

Both Conclusion (I) and (II) follow

C

Neither Conclusion (I) or (II) follows

D

Only Conclusion (II) follows

Correct Answer

A

Marks

1

| | | |
|----|-----------------------------|---|
| 70 | Question Description | If KITE is coded as JHSD, how is FLY coded? |
| | A | EKX |
| | B | EKZ |
| | C | IKX |
| | D | IKZ |
| | Correct Answer | A |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 71 | Question Description | Here are some words translated from artificial language Zakumoty means advisement Maluzaku means misadvise Malubrey means misconduct Which word could mean “argument” |
| | A | motybrey |
| | B | kolomoty |
| | C | malumoty |
| | D | breymoty |
| | Correct Answer | B |
| | Marks | 1 |

| | | |
|----|-----------------------------|---|
| 72 | Question Description | Find a pair that has similar relationship to run: jog |
| | A | Frog: catch |
| | B | Chicken: eat |
| | C | Rain: drizzle |
| | D | Swim: dive |
| | Correct Answer | C |
| | Marks | 1 |

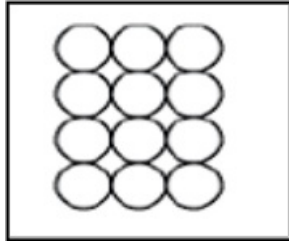
| | | |
|----|-----------------------------|---|
| 73 | Question Description | <p>In making decisions about important questions, it is desirable to be able to distinguish between ‘strong’ arguments and ‘weak’ arguments ‘Weak’ arguments are those which are of minor importance and also may not be directly related to the question or may be related to a trivial aspect of the question</p> <p>Each question below is followed by three arguments numbered (A) (B) and (C) You have to decide which of the arguments is a ‘strong’ argument and which is a ‘weak’ argument.</p> <p>Statement:</p> <p>Should there be a cap on drawing groundwater for irrigation purposes in India?</p> <p>Arguments:</p> <p>A. No irrigation is of prime importance for food production in India and it is heavily dependent on groundwater in many parts of the country.</p> <p>B. Yes, water tables have gone down to alarmingly low levels in some parts of the country where irrigation is primarily dependent on ground water, which may lead to serious environmental consequences.</p> <p>C. Yes, India just cannot afford to draw groundwater any further as the international agencies have cautioned India against it.</p> |
| | A | Only (A) and (B) are strong |

| | |
|-----------------------|---------------------------------|
| B | Only (B) and (c) are strong |
| C | Only (A) and (C) are strong |
| D | All (A), (B) and (C) are strong |
| Correct Answer | A |
| Marks | 1 |

74

Question Description

In the given figure, if the centres of all the circles are joined by horizontal and vertical lines, then find the number of squares that can be formed.

**A**

1

B

7

C

8

D

6

Correct Answer

C

Marks

1

75

Question Description

Olive oil is more expensive than the coconut oil but is cheaper than the groundnut oil
Coconut oil is more expensive than the sunflower oil but is cheaper than the soya oil
Among the three oils, sunflower oil is the cheapest
If the first two statements are true then the third statement is

A

True

B

False

C

Uncertain

D**Correct Answer**

A

Marks

1