

Computer Based Examination System

Exported On *	2024/02/19 9:26:52
Title *	Question Paper Answer Key
OES Exam *	GPSC11202317 / Assistant Professors in Government College in Botany/ Completed / 2024-02-18

1	Question Description	Within the realm of taxonomic investigation, the beta taxonomy tier is predominantly directed towards:
	A	Intraspecific assemblages and evolutionary speciation
	B	Morphological idiosyncrasies
	C	Elucidation of intricate phylogenetic interconnections
	D	Scrutiny of multifaceted ecological adaptations
	E	None of the above
	Correct Answer	A
	Marks	1

2

Question Description	In the context of Tropical Soil Ecology (TSE), which classification system is commonly employed for tropical soils, and what are the key characteristics that differentiate them?
A	USDA soil classification; Presence of distinct horizons and mineral composition.
B	FAO soil classification; High organic matter content and acidity.
C	WRB soil classification; Well-drained structure and clay mineral dominance.
D	Soil Taxonomy; Presence of mycorrhizal associations and microbial diversity.
E	None of the above
Correct Answer	C
Marks	1

3

Question Description	Given below are the degrees of depression on the left side with their examples on the right side. Which among them is an incorrect pair?
A	High inbreeding depression - <i>Daucus carota</i>
B	Moderate inbreeding depression - <i>Zea mays</i>
C	Low inbreeding depression - <i>Allium cepa</i>
D	No inbreeding depression - <i>Helianthus annuus</i>
E	None of the above
Correct Answer	D
Marks	1

4

Question Description	Which of the following amino acid is specified by only a single codon?
A	Glutamine
B	Tryptophan
C	Asparagine
D	Isoleucine
E	None of the above
Correct Answer	B
Marks	1

5

Question Description	Stem loop precursors are generally seen in which of the following?
A	siRNA
B	piRNA
C	miRNA
D	Both siRNA and miRNA
E	None of the above
Correct Answer	C
Marks	1

6

Question Description	Mature eukaryotic mRNAs have a 5' cap that is residue of
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A	2-methylguanosine
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B	3-methylguanosine
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C	5-methylguanosine
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D	7-methylguanosine
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E	None of the above
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Correct Answer	D
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Marks	1
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7	Question Description	PEP carboxylase is _____
	A	Involved in at least some CO ₂ fixation in both C ₃ and C ₄ plants
	B	Catalyzes the reaction fixing CO ₂ into pyruvic acid in bundle sheath cells
	C	Capable of fixing CO ₂ more efficiently at lower atmospheric CO ₂ concentrations than RUBP carboxylase
	D	the most abundant enzyme in the world
	E	None of the above
	Correct Answer	C
	Marks	1

8	Question Description	. In the G1 phase of interphase
	A	the cell is ready to undergo mitotic division.
	B	the DNA in the nucleus replicates.
	C	the cell grows to nearly its full size, and performs many of its biochemical functions that aid the organism.
	D	the cell growth is complete.
	E	None of the above
	Correct Answer	C
	Marks	1

9

Question Description	Which of the following plant species was introduced by East India Company?
A	Hevea brasiliensis
B	Carica papaya
C	Bixa orellana
D	Vitia vinifera
E	None of the above
Correct Answer	C
Marks	1

10

Question Description	Unravel the intricacies of the UNFCCC's paramount objective: (i) Mitigate GHG emissions. (ii) Alleviate Ozone gas depletion. (iii) Curtail "perilous" human impact on the climate system. Select the accurate option
A	[iii] Only
B	[ii] Only
C	[i] and [ii] Only
D	All of the Above
E	None of the above
Correct Answer	A
Marks	1

11	Question Description	An allosteric modulator influences enzyme activity by _____
	A	Competing for the catalytic site with the substrate
	B	Binding to a site on the enzyme molecule distinct from the catalytic site
	C	Changing the specificity of the enzyme for its substrate
	D	All of the above
	E	None of the above
	Correct Answer	B
	Marks	1

12	Question Description	The economic significance of the green alga Chlorella extends to its use in:
	A	Agar production
	B	Bioremediation
	C	Carrageenan extraction
	D	Alginate synthesis
	E	None of the above
	Correct Answer	B
	Marks	1

13	Question Description	What happens in chloroplast in the presence of light?
	A	Hydrogen's protons accumulate in thylakoid spaces
	B	Water is being split
	C	Electrons are moving
	D	All of the above
	E	None of the above
	Correct Answer	D
	Marks	1

14

Question Description	Analyze the implications of ECCD scenarios post-COP-20 on global ecosystems. How have these scenarios influenced biodiversity, ecosystem services, and resilience?
A	ECCD scenarios have negligible impact on global ecosystems.
B	Drastic disruptions in global ecosystems with adverse impacts on biodiversity and resilience.
C	Stable conditions with noticeable effects on global ecosystems.
D	Improved ecosystem services and increased biodiversity post-COP-20.
E	None of the above
Correct Answer	B
Marks	1

15

Question Description	Translocations were first reported in
A	Oenothera.
B	Capsicum.
C	Datura.
D	Solanum
E	None of the above
Correct Answer	A
Marks	1

16

Question Description	If all the nucleotides are present with equal frequencies and at random, what are the chances of having a particular four nucleotide long motif?
A	1/256
B	1/64
C	1/16
D	1/8
E	None of the above
Correct Answer	A
Marks	1

17

Question Description	In majority of fungi only part of thallus becomes reproductive forming differentiated or undifferentiated reproductive cells, such thallus is termed as?
A	Pseudomycelium
B	Dimorphic
C	Hlocarpic
D	Eucarpic
E	None of the above
Correct Answer	D
Marks	1

18

Question Description	Which of the following property is not associated with DNA polymerase I?
A	5' to 3' exonuclease activity
B	3' to 5' exonuclease activity
C	5' to 3' endonuclease activity
D	5' to 3' polymerase activity
E	None of the above
Correct Answer	C
Marks	1

19

Question Description	The recognition sequence for BamHI is 5' G GATCC 3'. The ' ' represents the cutting site. What can be inferred about the ends from it?
A	The ends created are double stranded
B	The single stranded end is 5' in nature
C	The single stranded end is 3' in nature
D	Cannot be inferred from this information
E	None of the above
Correct Answer	B
Marks	1

20

Question Description	Full expression of the lac-operon requires
A	Lactose and cAMP
B	Allolactose and cAMP
C	Lactose
D	llolactose
E	None of the above
Correct Answer	B
Marks	1

21

Question Description

Environmental signals influence the distribution of auxin in a plant by_____

A

Decreasing the cell's sensitivity to the auxin

B

Causing auxin to migrate to the lighted portion

C

Destroying the auxin

D

Causing auxin to migrate into the shaded portion

E

None of the above

Correct Answer

D

Marks

1

22	Question Description	The disease symptom “damping-off” is caused by which of the following pathogen?
	A	Xylella
	B	Phythium
	C	Plasmodiophora
	D	Blumeria
	E	None of the above
	Correct Answer	B
	Marks	1

23	Question Description	Landscape and Plant Ecology (LE) emphasizes the role of spatial scales in understanding ecological patterns. How does the concept of hierarchy in landscapes contribute to the analysis of ecological processes?
	A	Hierarchical scaling facilitates simplification of landscape patterns.
	B	Ecological processes exhibit consistency across all scales within a hierarchy.
	C	The hierarchical framework enables a more nuanced exploration of patterns.
	D	Hierarchy in landscapes has minimal influence on ecological processes.
	E	None of the above
	Correct Answer	C
	Marks	1

24

Question Description	The shortest phase of mitosis is
A	prophase
B	telophase
C	metaphase
D	anaphase
E	None of the above
Correct Answer	D
Marks	1

25	Question Description	The order Ceratophyllales within the APG III system attains uniqueness by virtue of:
	A	The conspicuous absence of vessel elements within its xylematic conduits.
	B	Floral configurations characterized by actinomorphy coupled with profuse staminal presence.
	C	The manifestation of unisexual flowers exhibiting a diminished perianth.
	D	Foliage arrangement featuring leaves organized in whorls, adorned with intricately serrated margins
	E	None of the above
	Correct Answer	A
	Marks	1

26	Question Description	The base responsible for hot spots for spontaneous point mutations is
	A	adenine
	B	5-bromouracil
	C	guanine
	D	5-methylcytosine
	E	None of the above
	Correct Answer	C
	Marks	1

27

Question Description

If HpaII recognition site is (C/CGG) and HaeIII recognition site is GG/CC then these two enzymes are _____?

A

Isocaudomers

B

Isoschizomers

C

Neoschizomers

D

All of the above

E

None of the above

Correct Answer

C

Marks

1

28

Question Description	Regarding the Environmental Impact Assessment (EIA) methodology, which approach involves the use of computer-assisted tools to model and simulate potential impacts?
A	Checklist approach
B	Overlay approach
C	Modeling approach
D	Grid approach
E	None of the above
Correct Answer	C
Marks	1

29

Question Description	What is the significance of considering disturbance as a spatial process, and how does it influence the principles of landscape management?
A	Disturbance enhances landscape stability and reduces heterogeneity.
B	Spatial dynamics of disturbance influences ecological equilibrium on landscapes.
C	Disturbance leads to homogenization of landscapes at various scales.
D	Equilibrium is disrupted by disturbance, creating a mosaic of patches on landscapes.
E	None of the above
Correct Answer	B
Marks	1

30	Question Description	The Sheath Blight of rice is caused by_____.
	A	Magnaporthe grisea
	B	Xanthomonas oryzae
	C	Xanthomonas campestris
	D	Rhizoctonia solani
	E	None of the above
	Correct Answer	D
	Marks	1

31	Question Description	If blunt ended ligations are to be carried out. Which of the following enzymes can be used?
	A	E. coli DNA ligase
	B	T4 DNA ligase
	C	Both of these enzymes act equally in carrying out blunt ended ligations
	D	None of them is able to carry out blunt ended ligations
	E	None of the above
	Correct Answer	B
	Marks	1

32	Question Description	What role does vicariance play in shaping floristic regions?
	A	It promotes hybridization between plant species.
	B	It influences plant adaptations to different climates.
	C	It triggers the geographical disjunction of plant populations.
	D	It enhances genetic variation within plant populations.
	E	None of the above
	Correct Answer	C
	Marks	1

33	Question Description	In chloroplast, PSI is present on the _____
	A	Appressed membrane of the thylakoid
	B	Non-appressed membrane of the thylakoid
	C	Lumen of the thylakoid
	D	Inner membrane of chloroplast
	E	None of the above
	Correct Answer	B
	Marks	1

34

Question Description	Which of the following enzyme is called as reverse transcriptase?
A	DNA dependent DNA polymerase
B	RNA dependent RNA polymerase
C	RNA dependent DNA polymerase
D	DNA dependent RNA polymerase
E	None of the above
Correct Answer	C
Marks	1

35

Question Description	The green alga Volvox exhibits a unique reproductive strategy called:
A	Binary fission
B	Sporic meiosis
C	Aplanospore formation
D	Oogamy
E	None of the above
Correct Answer	D
Marks	1

36

Question Description	Within the Dinophyta division, the process of thecate dinoflagellate cyst formation is linked to:
A	Sexual reproduction
B	Asexual reproduction
C	Cellular senescence
D	Secondary endosymbiosis
E	None of the above
Correct Answer	B
Marks	1

37

Question Description	. Lerma rojo is a variety of
A	Gossypium hirsutum
B	Zea mays
C	Triticum aestivum
D	Oryza sativa
E	None of the above
Correct Answer	C
Marks	1

38

Question Description	In the branching of fungal mycelia if each successive leading apex becomes restricted in growth and is overtaken by lateral braches from below then such branching is called as_____.
A	Verticillate branching
B	Lateral branching
C	Sympodial branching
D	Monopodial branching
E	None of the above
Correct Answer	C
Marks	1

39

Question Description	In the domain of Environmental Impact Assessment (EIA) laws and regulations, what defines the criteria for projects requiring EIA in India, and how do these criteria contribute to sustainable development?
A	Scale and intensity of environmental impact; EIA ensures minimal ecological disruption.
B	Ecological significance and project cost; EIA minimizes fiscal risks for stakeholders.
C	Political influence and regulatory compliance; EIA impede expedited project approvals.
D	Public opinion and media coverage; EIA prioritizes projects with positive public perception.
E	None of the above
Correct Answer	A
Marks	1

40

Question Description

Assertion (A): The presence of vessel elements in xylem is a key characteristic of the Magnoliids clade.

Reason (R): Vessel elements dwindle water conduction efficiency in plants, contributing to the success of Magnoliids in diverse environments.

A

Both A are true, and R is the correct explanation of A.

B

A is true, but R is false.

C

Both A and R are true, but R is not the correct explanation of A.

D

Both A and R are false

E

None of the above

Correct Answer

B

Marks

1

41

Question Description

The distinct zig-zag appearance of the chromatin fibre is due to _____

A

Nucleosome

B

Histone H1

C

Histone core

D

Linker DNA

E

None of the above

Correct Answer

B

Marks

1

42

Question Description	Hyphal coils within the cortex cells are formed in _____.
A	Ericoid mycorrhiza
B	Ectomycorrhiza
C	Orchid mycorrhiza
D	Arbuscular mycorrhiza
E	None of the above
Correct Answer	D
Marks	1

43

Question Description

Among the Magnoliids clade in the APG III system, what is a shared characteristic of the orders Magnoliales and Laurales?

A

Presence of vessel elements in xylem

B

Actinomorphic flowers with numerous stamens

C

Unisexual flowers with reduced perianth

D

Fleshy fruits with a single seed

E

None of the above

Correct Answer

B

Marks

1

44	Question Description	The DNA binding protein that initiates the transcription of bacterial genes is called
	A	Operator
	B	Promoter
	C	Repressor
	D	Sigma factor
	E	None of the above
	Correct Answer	D
	Marks	1

45	Question Description	An aminoacyl tRNA synthetase is responsible for
	A	Formation of a peptide bond
	B	Binding of mRNA to ribosomes
	C	Attaching an amino group to an organic acid
	D	Joining an amino acid to tRNA
	E	None of the above
	Correct Answer	D
	Marks	1

46

Question Description	Noncoding DNA in eukaryotic cells may include
A	Introns
B	Pseudogenes
C	Spacer DNA
D	All of the above
E	None of the above
Correct Answer	D
Marks	1

47

Question Description	Which of the following enzymes in glycolysis catalyzes an essentially non-reversible reaction?
A	Enolase
B	Phosphofructokinase
C	Triose phosphate isomerase
D	Phosphohexose isomerase
E	None of the above
Correct Answer	B
Marks	1

48

Question Description

Assertion (A): The APG III system of classification focuses on cellular data, emphasizing heritable relationships among angiosperms.

Reason (R): Cellular data provide more reliable and accurate insights into progressive relationships compared to morphological characters.

A

Both A and R are true, and R is the correct explanation of A.

B

A is true, but R is false.

C

Both A and R are true, but R is not the correct explanation of A.

D

Both A and R are false

E

None of the above

Correct Answer

D

Marks

1

49	Question Description	In the domain of plant taxonomy, elucidate the intricate role of secondary metabolites in classification:
	A	Functioning as chemo-architectural buttresses for plant structural integrity.
	B	Serving as pivotal components for energy generation in the photosynthetic apparatus.
	C	Furnishing insights into the intricacies of ecological adaptations.
	D	Functioning as discerning chemotaxonomic indicators.
	E	None of the above
	Correct Answer	D
	Marks	1

50	Question Description	How many ATP are required for the conversion of one N_2 to $2NH_4^+$ during biological nitrogen fixation?
	A	8 ATP
	B	10 ATP
	C	12 ATP
	D	16 ATP
	E	None of the above
	Correct Answer	D
	Marks	1

51

Comprehension

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

If we wish to do with war, we must provide for the settlement of national differences by an international court. This court should be in perpetual session; its members should be selected by the various Governments to be affected by its decisions, and, at the command and disposal of this court, the rest of Christendom being disarmed, there should be a military force sufficient to carry its judgement into effect. There should be no other excuse, no other business for an army or a navy in the civilized world. No man has imagination enough to paint the agonies, the horrors, and cruelties of war. Think of sending shot and shell crashing through the bodies of men!

Question Description

Identify the word or phrase from the passage that implies “continuous or recurring conduct of business”

A

international court

B

army or navy in the civilized world

C

perpetual session

D

carry its judgement into effect

E

None of the above

Correct Answer

C

Marks

1

Comprehension

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

If we wish to do with war, we must provide for the settlement of national differences by an international court. This court should be in perpetual session; its members should be selected by the various Governments to be affected by its decisions, and, at the command and disposal of this court, the rest of Christendom being disarmed, there should be a military force sufficient to carry its judgement into effect. There should be no other excuse, no other business for an army or a navy in the civilized world. No man has imagination enough to paint the agonies, the horrors, and cruelties of war. Think of sending shot and shell crashing through the bodies of men!

Question Description

Find a phrase that means “sending shot and shell crashing through bodies of men!”

A

firing bullets and lobbing grenades

B

shooting arrows in the dark

C

firing bullets and shooting water hoses

D

bombing unarmed men

E

None of the above

Correct Answer

A

Marks

1

Comprehension

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

If we wish to do with war, we must provide for the settlement of national differences by an international court. This court should be in perpetual session; its members should be selected by the various Governments to be affected by its decisions, and, at the command and disposal of this court, the rest of Christendom being disarmed, there should be a military force sufficient to carry its judgement into effect. There should be no other excuse, no other business for an army or a navy in the civilized world. No man has imagination enough to paint the agonies, the horrors, and cruelties of war. Think of sending shot and shell crashing through the bodies of men!

Question Description

Which of the following is implied by “its” in the statement “the military force is expected to carry the its judgement into effect”

A

the government of the day

B

the civilized world

C

Christendom

D

the international court

E

None of the above

Correct Answer

D

Marks

1

Comprehension

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

If we wish to do with war, we must provide for the settlement of national differences by an international court. This court should be in perpetual session; its members should be selected by the various Governments to be affected by its decisions, and, at the command and disposal of this court, the rest of Christendom being disarmed, there should be a military force sufficient to carry its judgement into effect. There should be no other excuse, no other business for an army or a navy in the civilized world. No man has imagination enough to paint the agonies, the horrors, and cruelties of war. Think of sending shot and shell crashing through the bodies of men!

Question Description

“The passage implies that the only task or function for the forces in a civilized world should be only

A

to impeach the governments that defy the international courts

B

to ensure that the court is in perpetual session

C

to effectively implement the decisions of the international court

D

to make sure that the rest of Christendom is disarmed

E

None of the above

Correct Answer

C

Marks

1

Comprehension

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

If we wish to do with war, we must provide for the settlement of national differences by an international court. This court should be in perpetual session; its members should be selected by the various Governments to be affected by its decisions, and, at the command and disposal of this court, the rest of Christendom being disarmed, there should be a military force sufficient to carry its judgement into effect. There should be no other excuse, no other business for an army or a navy in the civilized world. No man has imagination enough to paint the agonies, the horrors, and cruelties of war. Think of sending shot and shell crashing through the bodies of men!

Question Description

“No man has imagination enough to paint the agonies, the horrors, and cruelties of war.” This sentence can be correctly re-written as

A

Every man lacks adequate imagination not to paint the agonies, the horrors, and cruelties of war.

B

All men lack adequate imagination to paint the agonies, the horrors, and cruelties of war.

C

Some men lack adequate imagination to paint the agonies, the horrors, and cruelties of war.

D

All men do not lack the imagination enough to paint the agonies, the horrors, and cruelties of war.

E

None of the above

Correct Answer

B

Marks

1

56	Question Description	Who broke the world record for the most time spent in space?
	A	Gennady Padalka
	B	Oleg Kononenko
	C	Nikolai Rukavishnikov
	D	Vladimir Shatalov
	E	None of the above
	Correct Answer	B
	Marks	1

57	Question Description	Which state won the Nagesh Trophy in the Men's National T20 Cricket Tournament for the Blind 2023-24?
	A	Andhra Pradesh
	B	Maharashtra
	C	Karnataka
	D	Tamil Nadu
	E	None of the above
	Correct Answer	C
	Marks	1

58	Question Description	What is the Uttar Pradesh government promoting through the 'EV Upyog' Portal?
	A	Agriculture
	B	Tourism
	C	Healthcare
	D	Electric Vehicles
	E	None of the above
	Correct Answer	D
	Marks	1

59	Question Description	Who revealed the book titled "Artificial Intelligence and National Security" at Pune's Defence Literature Festival?
	A	General Anil Chauhan
	B	General Vivek Ram Chaudhari
	C	General Manoj Pande
	D	General R Hari Kumar
	E	None of the above
	Correct Answer	A
	Marks	1

60

Question Description	Which Indian state has launched the Digital Detox Initiative for a responsible gaming environment?
A	Maharashtra
B	Tamil Nadu
C	Karnataka
D	Kerala
E	None of the above
Correct Answer	C
Marks	1

61	Question Description	In which state did the Chief Minister inaugurate the 4th National Chilika Birds Festival?
	A	Uttar Pradesh
	B	Karnataka
	C	Tamil Nadu
	D	Odisha
	E	None of the above
	Correct Answer	D
	Marks	1

62	Question Description	When is World Wetlands Day celebrated globally?
	A	February 2
	B	January 15
	C	March 5
	D	April 12
	E	None of the above
	Correct Answer	A
	Marks	1

63

Question Description	On which date is National Black HIV/AIDS Awareness Day observed annually?
A	February 1
B	February 7
C	February 14
D	February 21
E	None of the above
Correct Answer	B
Marks	1

64

Question Description	Where is the Surajkund Mela 2024 taking place?
A	Faridabad
B	Jaipur
C	Secunderabad
D	Ahmedabad
E	None of the above
Correct Answer	A
Marks	1

65

Question Description	Who is eligible for free access to the Pertuzumab-Trastuzumab drug combination in Goa?
A	Senior citizens
B	Children with disabilities
C	Pregnant women
D	Cancer patients
E	None of the above
Correct Answer	D
Marks	1

66

Question Description

Study the following questions carefully and choose the right answer:

Statement : Postal rates have been increased to meet the deficit.

Assumptions :

I. The present rates are very low.

II. If the rates are not increased, the deficit cannot be met.

A if only assumption I is implicit

B if only assumption II is implicit

C if either I or II is implicit

D if neither I nor II is implicit

E None of the above

Correct Answer B

Marks 1

Question Description

Study the following questions carefully and choose the right answer:

Statement: It is necessary to adopt suitable measures to prevent repetition of bad debts by learning from the past experiences of mounting non-performing assets of banks.

Courses of action:

I. Before granting loan to customers their eligibility for loan should be evaluated strictly.

II. To ensure the payment of instalments of loan, the work, for which loan was granted, should be supervised minutely on regular basis.

A Only I follows

B Only II follows

C Either I or II follows

D Both I and II follow

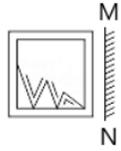
E None of the above

Correct Answer D

Marks 1

Question Description

Directions: A mirror is placed on the line MN, and then which of the Answer Figures is the right image of the given Question Figure



A

A

B

B

C

C

D

D

E

None of the above

Correct Answer

D

Marks

1

Question Description

Study the following questions carefully and choose the right answer:

Statement: Due to substantial reduction in fares by different airline services, large number of passengers so far travelling by upper classes in trains have switched over to airline services.

Courses of action:

I. The railways should immediately reduce the fare structure of the upper classes substantially to retain its passengers.

II. The railways should reduce the capacity of upper classes in all the trains to avoid loss.

A Only I follows

B Only II follows

C Either I or II follows

D Both I and II follow

E None of the above

Correct Answer A

Marks 1

70

Question Description	The age of Sitamma 10 years ago was thrice the age of Radha. 10 years hence, Sitamma's age will be twice that of Radha. What is the ratio of their present age?
A	7:3
B	3:1
C	2:1
D	1:4
E	None of the above
Correct Answer	A
Marks	1

71

Question Description

Rani, Supriya and Amita work on a project. If each of them is of a different efficiency. Who is the fastest worker among them?

Statement I : Rani and Supriya take 5 days to complete the project while Supriya and Amita take 10 days to complete the same project.

Statement II : Rani and Amita take $30/7$ days to complete the project.

A

If the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question

B

If the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question

C

If the data either in statement I alone or in statement II alone is sufficient to answer the question

D

If the data in both statements I and II together are necessary to answer the question

E

None of the above

Correct Answer

A

Marks

1

Question Description

Study the following numbers carefully and answer the questions given below:

5836 7469 8251 6293 4172

If the digits of all the numbers are to be arranged in ascending order within the number from right to left then the numbers thus formed are to be arranged in descending order from left to right then what would be the sum of second digit of third number from left end and third digit of fourth number from right end?

A

12

B

10

C

7

D

9

E

None of the above

Correct Answer

D

Marks

1

73

Question Description

Micky is brother in law of Akku, who has two daughters but no son. Rinku is cousin of Quki and brother of Riku. Vicky has two daughters and one son. Unni has only one son and one daughter. Micky is the only sibling of Wiku. Tinu and Sanu are daughters of Xoxo. Donu is also the member of this family. Riku is granddaughter of Akku, who is married to Wiku. Unni and Vicky are sons in law of Wiku.

How is Wiku related to Donu?

A

Father

B

Mother

C

Grandfather

D

Can't be determined

E

None of the above

Correct Answer

D

Marks

1

74

Question Description

Statement : A part from the entertainment value of television, its educational value cannot be ignored.

Assumptions :

- I. People take television to be a means of entertainment only.
- II. The educational value of television is not realised properly.

A

if only assumption I is implicit

B

if only assumption II is implicit

C

if either I or II is implicit

D

if both I and II are implicit

E

None of the above

Correct Answer

E

Marks

1

75

Question Description

Two trains are moving in the opposite direction and their speeds are in the ratio of 2: 1. If the first train crosses a standing man in 5 sec and another train crosses the same man in 8 sec, then determine the time taken by trains to cross each other.

A

6 sec

B

3 sec

C

5 sec

D

9 sec

E

None of the above

Correct Answer

A

Marks

1