Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC03202101 Assistant Agricultural Officer Completed 2021-08-01

1	Question Description	The scientific name of burrowing nematode is
	Α	Xiphinema sp.
	В	Lougidorus sp.
	С	Meloidogune sp.
	D	Radopholus sp.
	Correct Answer	D
	Marks	1

2	Question Description	The gland which produces pheromone in queen honeybee
	Α	Maxillary gland
	В	Labial gland
	С	Mandibular gland
	D	Pharyngeal gland
	Correct Answer	C
	Marks	1
3	Question Description	Golden rice is rich in
	Α	Vitamin C
	В	Vitamin D
	С	Vitamin E
	D	Vitamin A
	Correct Answer	D
	Marks	1

4	Question Description	Extended form of arch is known as
	А	Pergola
	В	Arches
	С	Trellis
	D	Hedge
	Correct Answer	A
	Marks	1
5	Question Description	Damage symptoms of the emmalocera depressella
	Α	Bunchy top
	В	Dead heart
	С	Spiral glasseries
	D	Scorching of leaves
	Correct Answer	В
	Marks	1

6	Question Description	A triplet genetic code was first suggested by
	Α	Johansson
	В	Gamow
	С	Watson
	D	Shull
	Correct Answer	В
	Marks	1
7	Question Description	The yield of baby corn cobs/ha as per the statistics of CCARI
	Α	10,000
	В	50,000
	С	1,50,000
	D	2,50,000
	Correct Answer	C
	Marks	1

3	Question Description	The potential haulm yield of Dhulape Utorda-3 (Goa Cowpea-3) as per the statistics of CCARI is
	Α	3.00 t/ha
	В	3.31 t/ha
	С	4.30 t/ha
	D	4.76 t/ha
	Correct Answer	C
	Marks	1
9	Question Description	Floribundas are cross between
	А	Hybrid Pertetual X Tea Rose
	В	Hybrid Teas X Perpetual Polianthas
	с	Tea Rose X Perpetual Polianthas
	D	Perpetual Polianthas X Hybrid Perpetual
	Correct Answer	B
	Marks	1

10	Question Description	Family of Tobacco plant
	A	Ravulfoliacea
	В	Leguminaceae
	С	Nictoinaceae
	D	Solanaceae
	Correct Answer	D
	Marks	1
11	Question Description	The recommended quantity of FYM/Compost per tree per year in the first year of planting of cashew by CCARI
	A	10
	В	25
	С	50
	D	100
	Correct Answer	В
	Marks	1

12	Question Description	Isothiocyanate is the cause of pungency in
	A	Onion
	В	Garlic
	С	Radish
	D	Chillie
	Correct Answer	C
	Marks	1
13	Question Description	Number of days taken by Pusa- 44 variety of rice for maturity as per the statistics of CCARI
	A	120
	В	125
	С	130
	D	135
	Correct Answer	D
	Marks	1

14	Question Description	Annual production of pineapple in Goa as per the statistics of CCARI
	A	4070 tonnes
	В	4500 tonnes
	С	5040 tonnes
	D	6010 tonnes
	Correct Answer	C
	Marks	1
15	Question Description	In grasshoppers, the sclerite on the front of the head located between the frons & the labrum is
15	Question Description	In grasshoppers, the sclerite on the front of the head located between the frons & the labrum is Clypeus
15		
15	Α	Clypeus
15	A	Clypeus Maxilla
15	A B C	Clypeus Maxilla Gena
15	A B C D	Clypeus Maxilla Gena Vertex

16	Question Description	The first genome sequenced was
	A	Haemophilus infuenzae
	В	E. coli
	С	Tobacco
	D	None of these
	Correct Answer	A
	Marks	1
17	Question Description	The scientific name of Anthracnose
	A	Pestalotia heterocornis
	В	Xanthomonas citri pv. anacardii
	С	Collentotrichum spp.
	D	Lasiodiplodia spp.
	Correct Answer	C
	Marks	1

18	Question Description	Who advanced the gene for gene concept of disease resistance and susceptibility in 1946
	Α	Flor
	В	Vanderplank
	С	Gaumann
	D	Muller
	Correct Answer	A
	Marks	1
19	Question Description	The yield potential of TG 37/A variety of groundnut in q/ha as per the statistics of CCARI
	Α	18-20
	В	24-26
	С	30-32
	D	32-34
	Correct Answer	В
	Marks	1

20	Question Description	Organophosphate and carbamate insecticides work by disrupting an insect's:
	Α	Digestive system
	В	Nervous system
	С	Respiratory system
	D	Endocrine system
	Correct Answer	В
	Marks	1
21	Question Description	Heterothallism was discovered by
	Α	Buttler
	В	Craigie
	с	Blakeslee
	D	Borlaug
	Correct Answer	C
	Marks	1

22	Question Description	The soils having organic matter more than 50% are called
	Α	Muck soils
	В	Peat soils
	С	Colluvial soils
	D	Glacial soils
	Correct Answer	В
	Marks	1
23	Question Description	R-36 was developed through breeding of
	A	Six varieties and Oryza nivara
	В	13 varieties and Oryza nivara
	С	Oryza sativa and Oryza indica
	D	Oryza indica and Oryza nivara
	Correct Answer	В
	Marks	1

24	Question Description	Stem gall of coriander (Coriandrum sativum) is caused by
	Α	Protomyces macrosporus
	В	Plasmopara viticola
	С	Peronospora pisi
	D	None of these
	Correct Answer	A
	Marks	1
25	Question Description	The causal organism of bunchy top of banana is transmitted by
	Α	Pentalonia nigronervosa
	В	Bemicia tabaci
	С	Lipaphis erisimi
	D	Saccharicoccus sacchari
	Correct Answer	A
	Marks	1

26	Question Description	Widely used N-fertilizer in rice is
	A	Ammonium sulphate
	В	Calcium sulphate
	С	Urea
	D	DAP
	Correct Answer	A
	Marks	1
27	Question Description	Average rice yield in India in quintal/hectare for the year 2018-19 as per the data of Directorate of Economics and Statistics.
	A	27.05
	В	26.38
	С	25.76
	D	24.94
	Correct Answer	В
	Marks	1

	Question Description	The yield of Pusa Jwala variety of green chilli in t/ha as per the statistics of CCARI
	A	5
	В	7.5
	С	10
	D	12.5
	Correct Answer	В
	Marks	1
29	Question Description	Cryopreservation is the preservation of germplasm at very low temperature of around
	A	-100 degree celcius
	В	-121 degree celcius
	С	-196 degree celcius
	D	-272 degree celcius
	Correct Answer	C
	Marks	1

^D Question Description	What is the other name of Hypobaric storage
A	Atmospheric storage
В	High pressure storage
С	Low pressure storage
D	None of the above
Correct Answer	C
Marks	1

31	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"
	Α	international court
	В	army or navy in the civilized world
	С	perpetual session
	D	carry its judgement into effect
	Correct Answer	C
	Marks	1

32	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!"
	Α	firing bullets and lobbing grenades
	В	shooting arrows in the dark
	С	firing bullets and shooting water hoses
	D	bombing unarmed men
	Correct Answer	A
	Marks	1

33	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
	В	the civilized world
	С	Christendom
	D	the international court
	Correct Answer	D
	Marks	1

⁴ 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
Α	to impeach the governments that defy the international courts
В	to ensure that the court is in perpetual session
С	to effectively implement the decisions of the international court
D	to make sure that the rest of Christendom is disarmed
Correct Answer	C
Marks	1

	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!
	"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
В	All men lack adequate imagination to paint the agonies
С	Some men lack adequate imagination to paint the agonies
D	All men do not lack the imagination enough to paint the agonies
Correct Answer	B
Marks	1

Comprehension	Read the following passage and answer the questions given below it:- Through all the years those who ploughed divided with those who prayed. Wicked industry supported pious idleness, the hut gave to the cathedral, and frightened poverty gave even its rags to buy a robe for hypocrisy. Fear is the dungeon of the mind, and superstition is a dagger with which hypocrisy assassinates the soul. Courage is liberty. I am in favour of absolute freedom of thought. In the realm of mind everyone is monarch; everyone is robed, sceptre, and crowned, and everyone wears the purple of authority. I belong to the republic of intellectual liberty, and only those are good citizens of that republic who depend upon reason and upon persuasion, and only those are traitors who resort to brute force.
Question Description	In the above passage, the phrase "the republic of intellectual liberty" implies
A	the rational, free-minded people
В	the mind that is allowed to think freely
С	democracy of the intellectuals
D	people who are free thinkers
Correct Answer	A
Marks	1

37	Comprehension	Read the following passage and answer the questions given below it:- Through all the years those who ploughed divided with those who prayed. Wicked industry supported pious idleness, the hut gave to the cathedral, and frightened poverty gave even its rags to buy a robe for hypocrisy. Fear is the dungeon of the mind, and superstition is a dagger with which hypocrisy assassinates the soul. Courage is liberty. I am in favour of absolute freedom of thought. In the realm of mind everyone is monarch; everyone is robed, sceptre, and crowned, and everyone wears the purple of authority. I belong to the republic of intellectual liberty, and only those are good citizens of that republic who depend upon reason and upon persuasion, and only those are traitors who resort to brute force.
	Question Description	In the statement "Courage is liberty", the obvious figure of speech is
	Α	personification
	В	simile
	С	synecdoche
	D	epigram
	Correct Answer	D
	Marks	1

	Hypocrisy is to as as is to a traitor. Fill in the blanks with appropriate options given below, so as to match the quality with the individual possessing it.
A hy	hypocrate; traison
B hy	hypocrite; treason
c hy	hypocritical; traitorship
D hy	hypo ; trait
Correct Answer B	В
Marks 1	1

39	Comprehension	Read the following passage and answer the questions given below it:- Through all the years those who ploughed divided with those who prayed. Wicked industry supported pious idleness, the hut gave to the cathedral, and frightened poverty gave even its rags to buy a robe for hypocrisy. Fear is the dungeon of the mind, and superstition is a dagger with which hypocrisy assassinates the soul. Courage is liberty. I am in favour of absolute freedom of thought. In the realm of mind everyone is monarch; everyone is robed, sceptre, and crowned, and everyone wears the purple of authority. I belong to the republic of intellectual liberty, and only those are good citizens of that republic who depend upon reason and upon persuasion, and only those are traitors who resort to brute force.
	Question Description	Identify the term or phrase from the passage that is used to imply kingdom or monarchy
	A	republic of intellectual liberty
	В	dungeon
	С	sceptre
	D	realm of the mind
	Correct Answer	D
	Marks	1

40	Comprehension	Read the following passage and answer the questions given below it:- Through all the years those who ploughed divided with those who prayed. Wicked industry supported pious idleness, the hut gave to the cathedral, and frightened poverty gave even its rags to buy a robe for hypocrisy. Fear is the dungeon of the mind, and superstition is a dagger with which hypocrisy assassinates the soul. Courage is liberty. I am in favour of absolute freedom of thought. In the realm of mind everyone is monarch; everyone is robed, sceptre, and crowned, and everyone wears the purple of authority. I belong to the republic of intellectual liberty, and only those are good citizens of that republic who depend upon reason and upon persuasion, and only those are traitors who resort to brute force.
	Question Description	Identify from the options given below ,the symbols of monarchy used in the passage
	Α	robe, sceptre, purple, republic
	В	realm, robe, sceptre, crown
	С	robe, sceptre, crown, freedom
	D	realm, monarch, authority, fear
	Correct Answer	В
	Marks	1

41	Question Description	Which state government has launched 'Vedic Siksha&Sanskar Board'?
	Α	Uttar Pradesh
	В	Punjab
	С	Rajasthan
	D	Bihar
	Correct Answer	C
	Marks	1
42	Question Description	Jude Felix is a famous Indian player in which of the fields?
	A	Volleyball
	В	Tennis
	С	Football
	D	Hockey
	Correct Answer	D
	Marks	1

43	Question Description	Who composed the famous song 'Sare Jahan Se Achha'?
	Α	Jaidev
	В	Mohammad Iqbal
	С	Bankim Chandra Chattopadhyay
	D	Rabindranath Tagore
	Correct Answer	B
	Marks	1
44	Question Description	The ratio of width of our National flag to its length is
	Α	3:5
	В	2:3
	с	2:4
	D	3:4
	Correct Answer	B
	Marks	1

45	Question Description	Who has been named as the Ambassador of Forest Frontline Heroes by WWF India?
	Α	Upasana Kamineni
	В	Amala Akkineni
	С	Shruti Haasan
	D	Samantha Akkineni
	Correct Answer	A
	Marks	1
46	Question Description	Mary Kom Settles with which Medal at 2021 Asian Boxing Championships?
	Α	Silver
	В	Gold
	С	Bronze
	D	None of above
	Correct Answer	A
	Marks	1

47	Question Description	Who has launched Agatsu Foundation to help people with mental health issues?
	Α	Sonusood
	В	Ira Khan
	С	Salman Khan
	D	Virat Kohli
	Correct Answer	В
	Marks	1
48	Question Description	Rahi Sarnobat has claimed a gold medal for India in which event?
	Α	Shooting
	В	Archery
	С	Boxing
	D	Fencing
	Correct Answer	A
	Marks	1

49	Question Description	Who will take over as New CEO of Amazon?
	Α	Michael Holder
	В	Andy Jassy
	С	Anthony Bretman
	D	Juluis Boros
	Correct Answer	В
	Marks	1
50	Question Description	In India, which day is observed as National Fish Farmers' Day?
	Α	09 July
	В	07 July
	С	10 July
	D	08 July
	Correct Answer	C
	Marks	1

51	Question Description	A 50 years old woman has a son whose age is 2/5 of her age. After how many years, the ratio of the age of the woman to her son will be 5/3?
	Α	20 years
	В	15 years
	С	25 years
	D	10 years
	Correct Answer	C
	Marks	1
52	Question Description	The next term in the letter series IN,HL,GJ,FH, EF,
	Α	DE
	В	BC
	С	BD
	D	DD
	Correct Answer	D
	Marks	1

³ Question Description	A man started walking from his house towards south. After walking 6 km, he turned to his left and walked 5 km. Then he walked further 3km after turning left. He then turned to his left and continued his walk for 9 km. How far he is from his house?
Α	3 km
В	6 km
С	5 km
D	4 km
Correct Answer	C
Marks	1

54	Question Description	Here are some words translated from an artificial language.agnoscrenia means poisonous spider
		• delanocrenia means poisonous snake
		• agnosdeery means brown spider
		The word which could mean "black widow spider" is
	Α	Deeryclostagnos
	В	Agnosdelano
	с	Agnosvitriblunin
	D	Trymuttiagnos
	Correct Answer	C
	Marks	1

⁵ Question Description	The price of item 'A' increases by 50 paise every year, while the price of item 'B' increases by 25 paise every year. If in 2008, the price of item 'A' was rupees 3.20 and that of 'B' was rupees 5.30, in which year item 'A' will cost 40 paise more than the item 'B'?
A	2016
В	2017
с	2019
D	2018
Correct Answer	D
Marks	1
⁶ Question Description	The time that the hands of a clock will be in the same straight line forming an angle of 180 degrees but not together between 7AM and 8AM will be
Α	5 (5/11) min past 7AM
В	5 (4/11) min past 7AM
с	5 (3/11) min past 7AM
D	5 (2/11) min past 7AM
Correct Answer	A
Marks	1

57	Question Description	At, what percentage above the cost price must an article be marked so as to gain 8% after allowing a customer a discount of 10%.
	Α	10.8 %
	В	18%
	С	28%
	D	20%
	Correct Answer	D
	Marks	1
58	Question Description	The next term in the series: 2, 7, 28, 63, 126,
	Α	215
	В	296
	С	245
	D	276
	Correct Answer	A
	Marks	1
59	Question Description	Given B ₂ CD,, BCD ₄ , B ₅ CD, BC ₆ D. The letter-number combination which completes the series is
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	A	B_2C_2D
	В	BC ₃ D
	С	B ₂ C ₃ D
	D	BCD ₇
	Correct Answer	В
	Marks	1



Question Description	The question given below has a set of three or four statements. Each set of statements is further divided into three segments. Choose the alternative where the third segment in the statement can be logically deduced using both the preceding two, but not just from one of them. Statement - All bats are lions. No cow is lion. Some camels are cows. Conclusion –
	I. Some lions are camels.
	II. No camel is bat.
	III. Some bats are cows.
	Therefore the option that follows is
Α	Only I follows
В	Only II follows
с	Only I and II follows
D	None of these
Correct Answer	D
Marks	1

62	Question Description	If E=5 and HOTEL=12, how will you code BALM?
	Α	7
	В	16
	с	26
	D	28
	Correct Answer	A
	Marks	1

63	Question Description	Statement One: Some men are educated. Statement Two: Educated persons prefer small families. Conclusions: I All small families are educated II Some men prefer small families Therefore the option that follows is
	A	Only conclusion I follows
	В	Only conclusion II follows
	C	Either I or II follows
	D	Neither I or II follows
	Correct Answer	B
	Marks	1
64	Question Description	The next number in the sequence 3, 6, 9, 30, 117 is
	Α	192
	В	352
	С	388
	D	588
	Correct Answer	D
	Marks	1

65	Question Description	The missing number in the series 325, 259, 204, 160, 127, 94 is
	Α	94
	В	105
	с	110
	D	123
	Correct Answer	B
	Marks	1
66	Question Description	The average age of a class of 59 students is 18 years. If the age of the teacher is included, then the average increases by 3 months. The age of the teacher is
	Α	28 years
	В	35 years
	С	30 years
	D	33 years
	Correct Answer	D
	Marks	1

67	Question Description	One New York publisher has estimated that 50,000 to 60,000 people in the United States want an anthology that includes the complete works of William Shakespeare. What accounts for this renewed interest in Shakespeare? As scholars point out, his psychological insights into both male and female characters are amazing even today. This paragraph best supports the statement that
	Α	Shakespeare's characters are more interesting than fictional characters today.
	В	People even today are interested in Shakespeare's work because of the characters.
	С	Academic scholars are putting together an anthology of Shakespeare's work.
	D	New Yorkers have a renewed interested in the work of Shakespeare.
	Correct Answer	В
	Marks	1

68		If the words given below is to have a meaningful sequence then the order would to have to be 1. Windows 2. Walls 3. Floor 4. Foundation 5. Roof 6. Room
	Α	4, 1, 5, 6, 2, 3
	В	4, 2, 1, 5, 3, 6
	С	4, 3, 5, 6, 2, 1
	D	4, 5, 3, 2, 1, 6
	Correct Answer	В
	Marks	1

69	Question Description	In a top secret message, if LIVING is coded as KGSHLD. Then BUDDHA will be coded as
	Α	ATEEIB
	В	ASACFX
	С	ATCCGZ
	D	KGSHLD
	Correct Answer	В
	Marks	1
70	Question Description	Identify the term 'X' in the following series: 4,12, 42,168, X.
	Α	672
	В	756
	С	588
	D	772
	D Correct Answer	772 B

71	Question Description	One writes all the numbers from 50 to 99 without the digits 2 and 7. How many numbers have been written?
	A	32
	В	40
	с	38
	D	36
	Correct Answer	A
	Marks	1
72	Question Description	Two pipes A & B can fill the tank in 12 hours and 36 hours respectively. If both the pipes are opened simultaneously, the time that will be required to fill the tank is
72	Question Description	
72		will be required to fill the tank is
72	A	will be required to fill the tank is6 hours
72	A B	will be required to fill the tank is 6 hours 9 hours
72	A B C	will be required to fill the tank is 6 hours 9 hours 12 hours
72	A B C D	<pre>will be required to fill the tank is</pre> 6 hours 9 hours 12 hours 15 hours

73	Question Description	The missing number in the series 4, 10, 28,, 244, 730 is
	Α	24
	В	77
	С	82
	D	98
	Correct Answer	C
	Marks	1
74	Question Description	In a certain code language, HAND is written as SZMW, then the code of MILK will be
	Α	ORNP
	A B	ORNP PNRO
	В	PNRO
	B C	PNRO NROP
	B C D	PNRO NROP RNOP

⁵ Question Description	 Read the following information to answer the given question. Five brothers are standing in a row facing the North direction. Tony is not adjacent to Bonny or Mony. Sony is not adjacent to Bonny. Tony is adjacent to Donny. Donny is at the middle in the row. Then, the pair at the extreme ends is
Α	Tony, Donny
В	Dony, Bonny
С	Sony, Mony
D	Mony, Tony
Correct Answer	C
Marks	1