

Computer Based Examination System

Exported On *	2021/09/19 15:38:09
Title *	Question Paper Answer Key
OES Exam *	GPSC06202102 Assistant Professors in Government College in Zoology Completed 2021-09-19

1	<b>Question Description</b>	At the highest resolution of genetic mapping, recombination is concentrated in
	<b>A</b>	Haplotypes
	<b>B</b>	Telomeres
	<b>C</b>	Hotspots
	<b>D</b>	Centromeres
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

2

<b>Question Description</b>	RNAi technology can be used to study
<b>A</b>	the function of a gene
<b>B</b>	the function of proteins
<b>C</b>	Post-Transcriptional Gene Silencing
<b>D</b>	all
<b>Correct Answer</b>	D
<b>Marks</b>	1

3

<b>Question Description</b>	In _____, the mutation in HBB results in less hemoglobin protein being made
<b>A</b>	Beta thalassemia
<b>B</b>	Sickle cell anemia
<b>C</b>	Alpha thalassemia
<b>D</b>	Hemophilia
<b>Correct Answer</b>	A
<b>Marks</b>	1

4	<b>Question Description</b>	A person got Covid19. After recovering from the infection, he got tested for the presence of antibodies against Covid19. The antibody titer was almost nil. Choose the most correct explanation for this:
	<b>A</b>	The antibody testing machine was not working properly
	<b>B</b>	He gave urine sample.
	<b>C</b>	After the first exposure, all the antibodies were destroyed by the medicines he took.
	<b>D</b>	Following first exposure, a lag phase occurs in which no antibody is produced, but activated B cells are differentiating into plasma cells.
	<b>Correct Answer</b>	D
<b>Marks</b>	1	
5	<b>Question Description</b>	The basic structural unit of DNA packaging in eukaryotes is known as
	<b>A</b>	The chromosome
	<b>B</b>	The nucleosome
	<b>C</b>	The centrosome
	<b>D</b>	The centromere
	<b>Correct Answer</b>	B
<b>Marks</b>	1	

6	<b>Question Description</b>	For high albedo effect, we can
	<b>A</b>	paint everything white
	<b>B</b>	paint everything black
	<b>C</b>	do nothing
	<b>D</b>	eat ice-cream
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

7	<b>Question Description</b>	Patients who has _____, a serious hereditary blood disease, were more likely to survive malaria, a disease which kills some 1.2 million people every year.
	<b>A</b>	Beta thalassemia
	<b>B</b>	Sickle cell anemia
	<b>C</b>	Alpha thalassemia
	<b>D</b>	Hemophilia
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

8	<b>Question Description</b>	The Indian Vulture Crisis refers to the death of vultures because
	<b>A</b>	The vultures ate leftover KFC meals
	<b>B</b>	The vultures ate animal carcass containing diclofenac
	<b>C</b>	Egg shell damage because of DDT biomagnification
	<b>D</b>	Drank polluted waters containing pesticides
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
9	<b>Question Description</b>	In some countries, people who got Covid19 are given one dose of the vaccine only. Justify
	<b>A</b>	They don't know about the second booster dose protocol
	<b>B</b>	Vaccines are useless
	<b>C</b>	One dose of vaccine is enough
	<b>D</b>	The vaccine acts as the booster dose
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

10	<b>Question Description</b>	Pore size of HEPA filter is
	<b>A</b>	0.8 microns
	<b>B</b>	0.4 microns
	<b>C</b>	0.3 microns
	<b>D</b>	0.22 microns
	<b>Correct Answer</b>	C
	<b>Marks</b>	1
11	<b>Question Description</b>	Full form of HEPA is:
	<b>A</b>	heavy efficiency particle assay
	<b>B</b>	high efficiency pressurized air
	<b>C</b>	heavy effect of particles in atmosphere
	<b>D</b>	high efficiency particulate air
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

12	<b>Question Description</b>	The author who wrote Silent Spring and is credited with advancing the global environmental movement is:
	<b>A</b>	Richard Attenborough
	<b>B</b>	Salim Ali
	<b>C</b>	David Attenborough
	<b>D</b>	Rachel Carson
	<b>Correct Answer</b>	D
	<b>Marks</b>	1
13	<b>Question Description</b>	The magenta colour in DMEM is due to the presence of
	<b>A</b>	Phenol Blue
	<b>B</b>	Phenol Red
	<b>C</b>	Phenolphthalein
	<b>D</b>	Potassium permanganate
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

14	<b>Question Description</b>	Lapwings are
	<b>A</b>	Ground nesting birds
	<b>B</b>	Ground nesting bats
	<b>C</b>	Tree nesting birds
	<b>D</b>	Tree nesting bats
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
15	<b>Question Description</b>	The wildflower <i>Hieracium attenboroughianum</i> is named after
	<b>A</b>	Richard Attenborough
	<b>B</b>	John Attenborough
	<b>C</b>	David Attenborough
	<b>D</b>	Baron Attenborough
	<b>Correct Answer</b>	C
	<b>Marks</b>	1



16	<b>Question Description</b>	Prodigality of reproduction is best seen in
	<b>A</b>	Fishes
	<b>B</b>	Human beings
	<b>C</b>	Lions
	<b>D</b>	Birds
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

17	<b>Question Description</b>	Red Panda is a/an
	<b>A</b>	Endangered species
	<b>B</b>	Extinct species
	<b>C</b>	Endemic species
	<b>D</b>	Vulnerable species
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

18	<b>Question Description</b>	Alexis Carrel is famous for
	<b>A</b>	Bacterial culture
	<b>B</b>	Taxonomy
	<b>C</b>	Binomial nomenclature
	<b>D</b>	Tissue culture
	<b>Correct Answer</b>	D
	<b>Marks</b>	1
19	<b>Question Description</b>	The RGD motif in the extracellular matrix protein fibronectin mediates
	<b>A</b>	Cell Division
	<b>B</b>	Apoptosis
	<b>C</b>	Cell attachment
	<b>D</b>	Necrosis
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

20	<b>Question Description</b>	A 3.2 million-year old fossil skeleton of a human ancestor, was discovered in 1974 in Hadar, Ethiopia, is called
	<b>A</b>	Amanda
	<b>B</b>	Judith
	<b>C</b>	Julie
	<b>D</b>	Lucy
	<b>Correct Answer</b>	D
	<b>Marks</b>	1
21	<b>Question Description</b>	Leukocytes move out of blood vessels to the location of tissue damage in a movement known as
	<b>A</b>	Excavation
	<b>B</b>	Extrapolation
	<b>C</b>	Intrusion
	<b>D</b>	Extravasation
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

22	<b>Question Description</b>	High rates of glycolysis in skeletal muscle make it the main producer of _____ in the body, which can also be taken up by skeletal muscle and heart and used as a respiratory fuel.
	<b>A</b>	Lactic acid
	<b>B</b>	Ascorbic acid
	<b>C</b>	Citric acid
	<b>D</b>	Glutamic acid
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

23	<b>Question Description</b>	Bees communicate through
	<b>A</b>	Social dances
	<b>B</b>	Classical dances
	<b>C</b>	Break dances
	<b>D</b>	Singing
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

24	<b>Question Description</b>	The chief inhibitory neurotransmitter in the developmentally mature mammalian central nervous system is
	<b>A</b>	Nicotine
	<b>B</b>	GABA
	<b>C</b>	Cocaine
	<b>D</b>	L-DOPA
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
25	<b>Question Description</b>	Which Law states that when mating is random in a large population with no disruptive circumstances, then both genotype and allele frequencies will remain constant because they are in equilibrium.
	<b>A</b>	Huxley's Law
	<b>B</b>	Weinberg's Law
	<b>C</b>	Hardy-Weinberg's Law
	<b>D</b>	Darwin's Law
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

26	<b>Question Description</b>	Prelamin A is a protein located on the nuclear membrane of cells; it needs to be cleaved to form <i>laminin A</i> , a process that is defective in patients with
	<b>A</b>	Mental retardation
	<b>B</b>	Progeria
	<b>C</b>	Alpha thalassemia
	<b>D</b>	Hemophilia
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
27	<b>Question Description</b>	The number of times a normal somatic, differentiated human cell population will divide before cell division stops is known as
	<b>A</b>	$G_0$
	<b>B</b>	Hayflick Limit
	<b>C</b>	S phase
	<b>D</b>	Totipotency
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

28	<b>Question Description</b>	The main structural protein found in skin and other connective tissue, widely used in purified form for cosmetic surgical treatment is
	<b>A</b>	Haemoglobin
	<b>B</b>	Collagen
	<b>C</b>	Myoglobin
	<b>D</b>	Albumin
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
29	<b>Question Description</b>	We need constant supply of carbon dioxide for culturing human cells because:
	<b>A</b>	It helps in cell respiration
	<b>B</b>	It causes green house effect and keeps the cells warm
	<b>C</b>	It interacts with carbonate buffer in media to keep pH constant
	<b>D</b>	It helps in cell movement and attachment
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

30	<b>Question Description</b>	A series of widely used computer programs used in bioinformatics, which produces biologically meaningful multiple sequence alignments of divergent sequences are known as
	<b>A</b>	Clustal
	<b>B</b>	Blast
	<b>C</b>	Water
	<b>D</b>	Needle
	<b>Correct Answer</b>	A
	<b>Marks</b>	1
31	<b>Question Description</b>	Full vaccination (two doses) against Covid19 is not enough protection for long-term because
	<b>A</b>	The bacteria is immortal
	<b>B</b>	The virus mutates very fast
	<b>C</b>	The virus is a bacteriophage
	<b>D</b>	The vaccine cannot kill the organism
	<b>Correct Answer</b>	B
	<b>Marks</b>	1



32	<b>Question Description</b>	X-linked red-green colour blindness affects 1 in 12 Swiss males.What proportion of Swiss females will be colour blind?
	<b>A</b>	0.1%
	<b>B</b>	0.2%
	<b>C</b>	0.7%
	<b>D</b>	0.5%
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

33	<b>Question Description</b>	Hardy-Weinberg equilibrium can be disturbed by:
	<b>A</b>	mutations
	<b>B</b>	natural selection
	<b>C</b>	nonrandom mating
	<b>D</b>	all
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

34	<b>Question Description</b>	Hormone replacement therapy, also called HRT, commonly uses
	<b>A</b>	Adrenaline
	<b>B</b>	Estrogen
	<b>C</b>	Somatostatin
	<b>D</b>	Insulin
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
35	<b>Question Description</b>	IPCC stands for:
	<b>A</b>	Indian Protocol for Climate Change
	<b>B</b>	International Party of Climate Charter
	<b>C</b>	Intergovernmental Panel on Climate Change
	<b>D</b>	None
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

36	<b>Question Description</b>	RPMI is the acronym for
	<b>A</b>	Rose Phosphate Media Institute
	<b>B</b>	Roswell Park Memorial Institute
	<b>C</b>	Russian Primate Media Institute
	<b>D</b>	Rotations per minute and intensity
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

37	<b>Question Description</b>	Long term consumption of formalin laced fish can cause
	<b>A</b>	Diabetes
	<b>B</b>	Cancer
	<b>C</b>	Heart disease
	<b>D</b>	Schizophrenia
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

38	<b>Question Description</b>	Sporadic cases of retinoblastoma has a lower chance of developing
	<b>A</b>	bilateraltumours
	<b>B</b>	single tumors
	<b>C</b>	no tumours
	<b>D</b>	none of the options
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

39	<b>Question Description</b>	Earth Day is celebrated on
	<b>A</b>	June 4th
	<b>B</b>	June 5th
	<b>C</b>	April 22nd
	<b>D</b>	April 20th
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

40	<b>Question Description</b>	Advantages of mangroves are:
	<b>A</b>	They give mangoes
	<b>B</b>	Buffer waves and soil erosion
	<b>C</b>	Gives palm oil
	<b>D</b>	Causes soil erosion
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

41	<b>Question Description</b>	Defined media does not have:
	<b>A</b>	Salts
	<b>B</b>	Serum
	<b>C</b>	Glucose
	<b>D</b>	Water
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

42	<b>Question Description</b>	The status of the Indian Black Buck is
	<b>A</b>	Endangered species
	<b>B</b>	Extinct species
	<b>C</b>	Endemic species
	<b>D</b>	Near threatened
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

43	<b>Question Description</b>	The nerve endings in your muscle cells release _____ ions, which then bind to activator proteins which signal your muscles to contract and relax.
	<b>A</b>	Potassium
	<b>B</b>	Calcium
	<b>C</b>	Chlorine
	<b>D</b>	Sodium
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

44	<b>Question Description</b>	Chiasma counts give an estimate of the total chromosome map length. If the average chiasma count is 50.6 per cell, we get a map length of _____ cM.
	<b>A</b>	3502
	<b>B</b>	3000
	<b>C</b>	2530
	<b>D</b>	5230
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

45	<b>Question Description</b>	Quail-Chick embryos were used to study
	<b>A</b>	Histology
	<b>B</b>	Mosaicism
	<b>C</b>	Fate maps
	<b>D</b>	Fertilization
	<b>Correct Answer</b>	C
	<b>Marks</b>	1

46 **Question Description** What is not correct about the Philadelphia chromosome

**A** contain a chimeric BCR–ABL fusion gene

**B** translocation 22:9

**C** mental retardation

**D** leukemia

**Correct Answer** C

**Marks** 1

47 **Question Description** International Mangrove Day is celebrated on

**A** 4<sup>th</sup> June

**B** 26<sup>th</sup> July

**C** 27<sup>th</sup> July

**D** 5<sup>th</sup> June

**Correct Answer** B

**Marks** 1



48	<b>Question Description</b>	The distribution of recombinants along the length of a chromosome is _____ and _____ no partial marking, both answers should be correct)
	<b>A</b>	Random, sex
	<b>B</b>	Non-random, sex-specific
	<b>C</b>	Non-random, sex-nonspecific
	<b>D</b>	Random, sex
	<b>Correct Answer</b>	B
	<b>Marks</b>	1
49	<b>Question Description</b>	However great the distance between two loci, recombination fraction never exceeds
	<b>A</b>	0.1
	<b>B</b>	0.5
	<b>C</b>	0.75
	<b>D</b>	1
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

50

<b>Question Description</b>	Blocks of tissue that give rise to the skeleton and skeletal muscles of the trunk, and some of the dermis of the skin, is known as
<b>A</b>	Neural Crest
<b>B</b>	Somites
<b>C</b>	Osteoblasts
<b>D</b>	Osteoclasts
<b>Correct Answer</b>	B
<b>Marks</b>	1

51

**Comprehension**

Shakespeare did not rely on the stage-carpenter or the scenic painter. He puts his scenery in his lines. There you will find mountains and river and seas, valleys and cliffs, violets and clouds, and over all “the firmament fretted with golden fire.” He cared little for plot, little for surprise. He did not rely on stage effects or red fire. The plays grow before your eyes and they grow as the morning comes. Plot surprises but once. There must be something in the play besides surprise. The plot in an author is a kind of strategy – that is to say, a sort of cunning—and cunning does not belong to the highest natures. There is in Shakespeare such a wealth of thought that the plot becomes almost immaterial; and such is this wealth that you can hardly know the play—there is too much. After you have heard it again and again. It seems as pathless as an untrodden forest.

**Question Description**

As per the implicit meaning of the above passage, Shakespeare

**A**

did not trust hisstage-carpenter

**B**

disapproved of the scenic painter

**C**

preferred to have very little stage design

**D**

complemented stage design with verbal expression

**Correct Answer**

D

**Marks**

1

**Comprehension**

Shakespeare did not rely on the stage-carpenter or the scenic painter. He puts his scenery in his lines. There you will find mountains and river and seas, valleys and cliffs, violets and clouds, and over all “the firmament fretted with golden fire.” He cared little for plot, little for surprise. He did not rely on stage effects or red fire. The plays grow before your eyes and they grow as the morning comes. Plot surprises but once. There must be something in the play besides surprise. The plot in an author is a kind of strategy – that is to say, a sort of cunning—and cunning does not belong to the highest natures. There is in Shakespeare such a wealth of thought that the plot becomes almost immaterial; and such is this wealth that you can hardly know the play—there is too much. After you have heard it again and again. It seems as pathless as an untrodden forest.

**Question Description**

The passage shows that Shakespeare

**A**

wrote plays where the plot is immaterial

**B**

avoids an element of surprise in his plot

**C**

wrote complex, dense and intriguing plays

**D**

confuses the reader as the play moves on

**Correct Answer**

C

**Marks**

1

53

**Comprehension**

Shakespeare did not rely on the stage-carpenter or the scenic painter. He puts his scenery in his lines. There you will find mountains and river and seas, valleys and cliffs, violets and clouds, and over all “the firmament fretted with golden fire.” He cared little for plot, little for surprise. He did not rely on stage effects or red fire. The plays grow before your eyes and they grow as the morning comes. Plot surprises but once. There must be something in the play besides surprise. The plot in an author is a kind of strategy – that is to say, a sort of cunning—and cunning does not belong to the highest natures. There is in Shakespeare such a wealth of thought that the plot becomes almost immaterial; and such is this wealth that you can hardly know the play—there is too much. After you have heard it again and again. It seems as pathless as an untrodden forest.

**Question Description**

Identify the most obvious figure of speech in the statement, “the firmament fretted with golden fire.”

**A**

alliteration; metaphor; hyperbole

**B**

transferred epithet; simile; personification

**C**

hyperbole; personification; simile

**D**

simile; alliteration; hyperbole

**Correct Answer**

A

**Marks**

1

54

**Comprehension**

Shakespeare did not rely on the stage-carpenter or the scenic painter. He puts his scenery in his lines. There you will find mountains and river and seas, valleys and cliffs, violets and clouds, and over all “the firmament fretted with golden fire.” He cared little for plot, little for surprise. He did not rely on stage effects or red fire. The plays grow before your eyes and they grow as the morning comes. Plot surprises but once. There must be something in the play besides surprise. The plot in an author is a kind of strategy – that is to say, a sort of cunning—and cunning does not belong to the highest natures. There is in Shakespeare such a wealth of thought that the plot becomes almost immaterial; and such is this wealth that you can hardly know the play—there is too much. After you have heard it again and again. It seems as pathless as an untrodden forest.

**Question Description**

The statement, “It seems as pathless as an untrodden forest,” refers to

**A**

the dramatic talent of Shakespeare

**B**

the Shakespearean drama as a whole

**C**

the value of strategy in writing a play

**D**

the wealth of thought in Shakespeare’s plays

**Correct Answer**

D

**Marks**

1

55

**Comprehension**

Shakespeare did not rely on the stage-carpenter or the scenic painter. He puts his scenery in his lines. There you will find mountains and river and seas, valleys and cliffs, violets and clouds, and over all “the firmament fretted with golden fire.” He cared little for plot, little for surprise. He did not rely on stage effects or red fire. The plays grow before your eyes and they grow as the morning comes. Plot surprises but once. There must be something in the play besides surprise. The plot in an author is a kind of strategy – that is to say, a sort of cunning—and cunning does not belong to the highest natures. There is in Shakespeare such a wealth of thought that the plot becomes almost immaterial; and such is this wealth that you can hardly know the play—there is too much. After you have heard it again and again. It seems as pathless as an untrodden forest.

**Question Description**

Read the following statement and identify, from the given options, its implicit significance within the passage as a whole: “The plot in an author is a kind of strategy- that is to say, a sort of cunning-and cunning does not belong to the highest natures.”

**A** Shakespeare is hardly using any plot strategy or cunning in his plays

**B** Shakespeare, like other authors, needs to have a strategy to write his plays

**C** Shakespeare as a playwright of highest nature uses minimal plot or surprise

**D** Shakespeare as an extraordinary playwright did not need plot or surprise

**Correct Answer**

C

**Marks**

1

56

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

57

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



58 **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

59 **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

60

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

61

<b>Question Description</b>	World Senior Citizen Day is found globally on which date?
<b>A</b>	August 21
<b>B</b>	August 23
<b>C</b>	August 28
<b>D</b>	August 24
<b>Correct Answer</b>	A
<b>Marks</b>	1

62

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

63

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

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

65	<b>Question Description</b>	What is the name of the chatbot developed by Bharat Petroleum Corporation Ltd?
	<b>A</b>	Sugar
	<b>B</b>	Urja
	<b>C</b>	Vijay
	<b>D</b>	Sathi
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

66	<b>Question Description</b>	Efficiency of A is twice as that of B. If they work together, they can complete a job in 18 days. If A alone does the job, in how many days he will complete the job?
	<b>A</b>	27 days
	<b>B</b>	36 days
	<b>C</b>	40 days
	<b>D</b>	54 days
	<b>Correct Answer</b>	D
	<b>Marks</b>	1

67	<b>Question Description</b>	Our school district should not spend its money on the new remedial English reading program. After all, our students get all the reading practice they need by studying history and science. <b>The argument above depends on which the following assumptions?</b>
	<b>A</b>	The remedial English reading program would not help the students learn history and science.
	<b>B</b>	Other reading programs are just as effective but less expensive than the remedial English reading program.
	<b>C</b>	The remedial English reading program involves only reading practice.
	<b>D</b>	Teaching students history and science is more important than teaching them reading skills.
	<b>Correct Answer</b>	A
	<b>Marks</b>	1

68	<b>Question Description</b>	There is clear evidence that the mandated use of safety belts has resulted in fewer fatalities over the past five years. Compared to the five-year period prior to the passage of laws requiring the use of safety seats, fatalities of this kind have decreased by 30 percent. Which one of the following, <b>if true, most substantially strengthens the argument above?</b>
	<b>A</b>	The number of serious automobile accidents involving use of safety belts has remained steady over the past five years.
	<b>B</b>	Automobile accidents involving use of safety belts have decreased sharply over the past five years.
	<b>C</b>	The use of air bags in automobiles has increased by 30 percent over the past five years.
	<b>D</b>	Most fatal automobile accidents involving use of safety belts occur in the driveway of their home.
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

69	<b>Question Description</b>	Gopal went to a fruit market with certain amount of money. With this money he can buy either 50 oranges or 40 mangoes. He retains 10% of the money for taxi fare. If he buys 20 mangoes, then the number of oranges he can buy is
	<b>A</b>	25
	<b>B</b>	20
	<b>C</b>	18
	<b>D</b>	6
	<b>Correct Answer</b>	B
	<b>Marks</b>	1

70

**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. College students are intelligent.
- B. Intelligence is a collegian's attribute.
- C. Ram's sister is a college student.
- D. Ram is a college student.
- E. All intelligent persons go to college.
- F. Ram is an intelligent person.

**A**

ADF

**B**

BCD

**C**

ABF

**D**

ABD

**Correct Answer**

A

**Marks**

1

71

**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. Laxman is a man.
- B. Meera is Laxman's wife.
- C. Some women are islands.
- D. No man is an island.
- E. Meera is not an island.
- F. Laxman is not a island.

**A**

ADE

**B**

ABE

**C**

ADF

**D**

CDE

**Correct Answer**

C

**Marks**

1



72

**Question Description**

A third standard teacher gave a simple multiplication exercise to the kids. But one kid reversed the digits of both the numbers and carried out the multiplication and found that the product was exactly the same as the one expected by the teacher. Only one of the following pairs of numbers will fit in the description of the exercise. Which one is that?

**A**

14, 22

**B**

13, 62

**C**

19, 33

**D**

42, 28

**Correct Answer**

B

**Marks**

1

**Comprehension**

A professor keeps data on the students tabulated by performance and sex of the student. The data is kept on a computer disc but the professor loses some of the data due to a virus. Only the following information could be recovered.

	Performance			Total
	Average	Good	Excellent	
Male			10	
Female				32
Total		30		

An expert committee was formed which verified the following:

Half the students were either excellent or good.

40% of the students were females.

One-third of the male students were average.

**Question Description**

How many students are female and excellent?

**A**

0

**B**

8

**C**

16

**D**

32

**Correct Answer**

A

**Marks**

1

74

**Comprehension**

A professor keeps data on the students tabulated by performance and sex of the student. The data is kept on a computer disc but the professor loses some of the data due to a virus. Only the following information could be recovered.

	Performance			Total
	Average	Good	Excellent	
Male			10	
Female				32
Total		30		

An expert committee was formed which verified the following:

Half the students were either excellent or good.

40 % of the students were females.

One-third of the male students were average.

**Question Description**

What proportion of good students are males?

**A**

0

**B**

0.73

**C**

0.4

**D**

1

**Correct Answer**

B

**Marks**

1

75

**Comprehension**

A professor keeps data on the students tabulated by performance and sex of the student. The data is kept on a computer disc but the professor loses some of the data due to a virus. Only the following information could be recovered.

	Performance			Total
	Average	Good	Excellent	
Male			10	
Female				32
Total		30		

An expert committee was formed which verified the following:

Half the students were either excellent or good.

40 % of the students were females.

One-third of the male students were average.

**Question Description**

What proportion of female students is good?

**A**

0

**B**

0.25

**C**

0.5

**D**

1

**Correct Answer**

B

**Marks**

1