

Paper:	LABORATORY ATTENDANT (P0103)
Set Name:	SET2
Exam Date:	18 Mar 2023
Exam Shift:	1

Section:	General Science
Item No:	1
Question ID:	200991
Question Type:	MCQ
Question:	If an object moves with uniform velocity, then what will be its acceleration? (1) Positive (2) Negative (3) Zero (4) Infinity
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	2
Question ID:	200992
Question Type:	MCQ
Question:	A feather, a pin, a table-tennis ball are dropped simultaneously from the top of vacuum chamber. In which order do they reach the bottom of the chamber? (1) first-pin, second-ball, third-feather (2) first-ball, second-pin, third-feather (3) ball and pin together, feather later (4) all three touch the bottom together
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	3
Question ID:	200993
Question Type:	MCQ
Question:	A particle is moving with uniform velocity. Force is not required for which of the following? (1) To maintain same speed (2) To decrease the speed (3) To change the direction (4) To accelerate
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	4
Question ID:	200994

Question Type:	MCQ
Question:	A truck and a car are moving on a straight level road such that the kinetic energy associated with both is the same. Brakes are applied simultaneously to produce equal retarding force in both. Which will cover greater distance before it stops? (1) Car (2) Truck (3) Both will cover same distance (4) Data is insufficient
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	5
Question ID:	200995
Question Type:	MCQ
Question:	The weight of an object at the centre of the earth is (1) zero (2) more than the weight on the surface of earth (3) less than the weight on the surface of earth (4) same as the weight on the surface of earth
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	6
Question ID:	200996
Question Type:	MCQ
Question:	How does the weight of a body change as it is taken from the equator to the poles? (1) weight remains unchanged (2) weight decreases (3) weight increases (4) weight becomes zero
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	7
Question ID:	200997
Question Type:	MCQ
Question:	The loss of weight of a body when it is immersed in a liquid is ————— (1) less than the weight of the liquid displaced by the body (2) equal to the weight of the liquid displaced by the body (3) equal to the weight of an equal volume of the liquid (4) more than the weight of the liquid displaced by the body
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	8
Question ID:	200998
Question Type:	MCQ
Question:	A cube of ice is placed in a glass of water. What can be said about the level of water after the ice melts? (1) Level of water will remain the same (2) Level of water will fall (3) Level of water will rise (4) Level of water will rise depending on the weight of the ice
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	9
Question ID:	200999
Question Type:	MCQ
Question:	The loudness of sound depends on the (1) pitch (2) velocity (3) amplitude (4) wave length
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	10
Question ID:	201000
Question Type:	MCQ
Question:	The speed of sound is maximum in (1) vacuum (2) air (3) water (4) solids
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	11
Question ID:	201001
Question Type:	MCQ
Question:	A cut diamond shines brilliantly due to (1) total internal reflection (2) its molecular structure (3) refraction of light (4) absorption of light
1:	1

2:	2
3:	3
4:	4

Section:	General Science
Item No:	12
Question ID:	201002
Question Type:	MCQ
Question:	Which hormone is responsible for phototropism in plants? (1) Auxins (2) Cytokinin (3) Gibberellin (4) Ethylene
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	13
Question ID:	201003
Question Type:	MCQ
Question:	Water in a lake starts to freeze, (1) first in the middle (2) as a whole (3) first at the bottom (4) first at the surface
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	14
Question ID:	201004
Question Type:	MCQ
Question:	In computer terminology, what does GUI stand for? (1) Graphical Universal Interface (2) Graphical User Interface (3) Graphics Using Intel (4) Graphics Using Input
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	15
Question ID:	201005
Question Type:	MCQ
	Which of the following is not true?

Question:	(1) Windows XP is an operating system
	(2) Photoshop is distributed by adobe
	(3) Linux is sold by Microsoft
	(4) Apache open office is an application software
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	16
Question ID:	201006
Question Type:	MCQ
Question:	Hydrogen has _____ valence electrons. (1) 1 (2) 0 (3) 2 (4) 3
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	17
Question ID:	201007
Question Type:	MCQ
Question:	At constant temperature, a gas's volume _____ as the pressure _____. (1) increases, is a constant (2) increases, increases (3) decreases, increases (4) decreases, decreases
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	18
Question ID:	201008
Question Type:	MCQ
Question:	The atomic number of Nitrogen is _____. (1) 6 (2) 8 (3) 14 (4) 7
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	19
Question ID:	201009
Question Type:	MCQ
Question:	_____ bytes is a Kilobyte. (1) 1,000 (2) 10,000 (3) 100 (4) 10
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	20
Question ID:	201010
Question Type:	MCQ
Question:	Ctrl + _____ is a shortcut to print documents. (1) Shift + P (2) Enter + P (3) P (4) p
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	21
Question ID:	201011
Question Type:	MCQ
Question:	Gases can be liquefied by (i) increasing the temperature (ii) decreasing the temperature (iii) increasing the pressure (iv) decreasing the pressure (1) (i) and (iii) (2) (i) and (iv) (3) (ii) and (iv) (4) (iii) and (ii)
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	22
Question ID:	201012
Question Type:	MCQ
Question:	Sublimation is the process of change of state from _____ to _____. (1) solid ; liquid (2) solid ; gas

	(3) liquid ; gas	(4) gas ; solid
1:	1	
2:	2	
3:	3	
4:	4	

Section:	General Science
Item No:	23
Question ID:	201013
Question Type:	MCQ
Question:	What is the indication that a chemical change has taken place between a solution of sodium sulphate and barium chloride? (1) Production of light (2) Absorption of heat (3) Evolution of gas (4) Formation of precipitate
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	24
Question ID:	201014
Question Type:	MCQ
Question:	Which of the following is not an exothermic reaction? (1) Photosynthesis (2) Rusting of Iron (3) Burning of a candle (4) Burning of sugar
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	25
Question ID:	201015
Question Type:	MCQ
Question:	Name the phenomenon in which the hydrated salts in extremely dry weather lose some of its water of crystallization (1) Hydroscoy (2) Deliquescence (3) Efflorescence (4) Precipitation
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	26
Question ID:	201016

Question Type:	MCQ
	Which of the following salts possesses water of crystallization?
Question:	(1) Sal ammoniac (2) Gypsum (3) Common salt (4) Baking soda
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	27
Question ID:	201017
Question Type:	MCQ
	Which of the following is a non-metal that remains liquid at room temperature?
Question:	(1) Helium (2) Sulphur (3) Phosphorus (4) Bromine
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	28
Question ID:	201018
Question Type:	MCQ
	Which of the following elements react violently on exposure to air?
Question:	(1) Zinc (2) Sodium (3) Aluminium (4) Sulphur
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	29
Question ID:	201019
Question Type:	MCQ
	What is solder made up of?
Question:	(1) Lead and zinc (2) Lead and copper (3) Lead and tin (4) Copper and tin
1:	1
2:	2
3:	3
4:	4

Section:	General Science
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Item No:	30
Question ID:	201020
Question Type:	MCQ
Question:	Which is the longest cell in the human body? (1) Muscle cell (2) Liver cell (3) Kidney cell (4) Nerve cell
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	31
Question ID:	201021
Question Type:	MCQ
Question:	Where does protein synthesis take place in a cell? (1) Ribosomes (2) Nucleus (3) Mitochondria (4) Lysosome
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	32
Question ID:	201022
Question Type:	MCQ
Question:	What is the name of the fluid in which a cell neither swells nor shrinks? (1) Hypertonic (2) Hypotonic (3) Isotonic (4) Hyalotonic
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	33
Question ID:	201023
Question Type:	MCQ
Question:	Which part of a plant cell serves as a storage site for waste material and water? (1) Golgi bodies (2) Vacuoles (3) Plastids (4) Cytoplasm
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	34
Question ID:	201024
Question Type:	MCQ
Question:	The locomotory organ in parameciums is (1) Tentacles (2) Flagella (3) Pseudopodia (4) Cilia
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	35
Question ID:	201025
Question Type:	MCQ
Question:	Earthworm belongs to which of the following phyla? (1) Annelida (2) Arthropoda (3) Coelentrata (4) Nematoda
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	36
Question ID:	201026
Question Type:	MCQ
Question:	The scientific name of man is written correctly as (1) <i>Homo Sapiens</i> (2) <i>Homosapiens</i> (3) <i>Homo sapiens</i> (4) <i>Homo sapien</i>
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	37
Question ID:	201027
Question Type:	MCQ
Question:	Top soil contains (i) humus (ii) living organisms (iii) soil particles (1) (i) and (ii) (2) (i) and (iii) (3) (i) only (4) (i), (ii) and (iii)
1:	1

2:	2
3:	3
4:	4

Section:	General Science
Item No:	38
Question ID:	201028
Question Type:	MCQ
Question:	Which bacteria fix nitrogen to the soil? (1) <i>Salmonella</i> (2) <i>Rhizobium</i> (3) <i>Spirillum</i> (4) <i>Shigella</i>
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	39
Question ID:	201029
Question Type:	MCQ
Question:	Which of these is not a Hormonal Disease? (1) Sickle-cell anaemia (2) Cretinism (3) Diabetes (4) Gigantism
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	40
Question ID:	201030
Question Type:	MCQ
Question:	AIDS affects the (1) reproductive system (2) respiratory system (3) immune system (4) digestive system
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	41
Question ID:	201031
Question Type:	MCQ
Question:	Which is the carrier organism of dengue? (1) Female <i>Anopheles</i> mosquito (2) Female <i>Aedes</i> mosquito (3) Male <i>Anopheles</i> mosquito (4) Male <i>Aedes</i> mosquito

2:	2
3:	3
4:	4

Section:	General Science
Item No:	46
Question ID:	201036
Question Type:	MCQ
Question:	The slope of a velocity-time graph gives (1) distance (2) displacement (3) acceleration (4) speed
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	47
Question ID:	201037
Question Type:	MCQ
Question:	The atmosphere is held to the earth by (1) wind (2) earth's magnetic field (3) clouds (4) gravity
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	48
Question ID:	201038
Question Type:	MCQ
Question:	The laws of reflection hold good for (1) plane mirrors only (2) concave mirrors only (3) convex mirrors only (4) all types of mirrors
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	49
Question ID:	201039
Question Type:	MCQ
Question:	The main constituent of biogas is (1) carbon dioxide (2) hydrogen sulphide (3) propane (4) methane

1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	50
Question ID:	201040
Question Type:	MCQ
Question:	In SONAR we use (1) sound waves between 20 Hz to 20 kHz (2) sound waves > 20 kHz (3) sound waves < 20 Hz (4) radio waves
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	51
Question ID:	201041
Question Type:	MCQ
Question:	1 μ m is (1) 10^{-3} m (2) 10^{-6} m (3) 10^{-9} m (4) 10^{-10} m
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	52
Question ID:	201042
Question Type:	MCQ
Question:	In human cheek cells, nucleus is generally located (1) on one side (2) near the plasma membrane (3) in the centre (4) close to the vacuole
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	53
Question ID:	201043
Question Type:	MCQ

	Which of the following nutrients is not available in fertilizers?
Question:	(1) Nitrogen (2) Phosphorus (3) Potassium (4) Iron
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	54
Question ID:	201044
Question Type:	MCQ
Question:	Fish culture is sometimes done along with (1) rice crop (2) wheat crop (3) maize crop (4) cotton crop
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	55
Question ID:	201045
Question Type:	MCQ
Question:	Which of the following bear naked seeds? (1) Pteridophytes (2) Bryophytes (3) Gymnosperms (4) Angiosperms
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	56
Question ID:	201046
Question Type:	MCQ
Question:	Virus which cause hepatitis are transmitted through (1) personal contact (2) air (3) food (4) water
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	57
Question ID:	201047

Question Type:	MCQ
Question:	Ascariasis is caused by (1) Pinworm (2) Roundworm (3) Hookworm (4) Tapeworm
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	58
Question ID:	201048
Question Type:	MCQ
Question:	The most appropriate part of Leaf epidermis in a dicot plant to observe stomata and guard cells is (1) ventral side on midrib (2) veins (3) dorsal side (4) ventral side but not midrib
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	59
Question ID:	201049
Question Type:	MCQ
Question:	Which of the following is a plant hormone? (1) Cytokinin (2) Thyroxin (3) Oestrogen (4) Melatonin
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	60
Question ID:	201050
Question Type:	MCQ
Question:	Which of the following is not part of the hindbrain? (1) Pons (2) Diencephalon (3) Cerebellum (4) Medulla
1:	1
2:	2
3:	3
4:	4

Item No:	65
Question ID:	201055
Question Type:	MCQ
Question:	What is the name of India's First Nuclear Reactor? (1) Tarapur (2) Apsara (3) Narora (4) Kudankulam
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	66
Question ID:	201056
Question Type:	MCQ
Question:	Which of these states is incorrectly matched with their capitals? (1) Mizoram – Aizawl (2) Manipur – Imphal (3) Arunachal Pradesh – Itanagar (4) Assam – Guwahati
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	67
Question ID:	201057
Question Type:	MCQ
Question:	Who wrote the poem on Rani Lakshmi Bai with the famous line 'Khoob Ladi Mardani Woh to'? (1) Ramdhari Singh Dinkar (2) Sumitranandan Pant (3) Subhadra Kumari Chauhan (4) Jaishankar Prasad
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	68
Question ID:	201058
Question Type:	MCQ
Question:	Who was the First Indian Woman Mountaineer to reach the summit of Mount Everest? (1) Bachendri Pal (2) Premrata Agarwal (3) Sangeeta S. Bahl (4) Anshu Jamsenpa
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
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Item No:	69
Question ID:	201059
Question Type:	MCQ
Question:	The number of players on each side of a Kabaddi team is (1) 6 (2) 9 (3) 8 (4) 7
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	70
Question ID:	201060
Question Type:	MCQ
Question:	Who was not a member of the Blue Origin Space Flight in July 2021? (1) Wally Funk (2) Richard Branson (3) Mark Bezos (4) Jeff Bezos
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	71
Question ID:	201061
Question Type:	MCQ
Question:	Khetri in Rajasthan is known for its _____ mines. (1) Diamond (2) Zinc (3) Copper (4) Gold
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	72
Question ID:	201062
Question Type:	MCQ
Question:	Which is the longest tributary of the Ganga? (1) Yamuna (2) Gomati (3) Ghaghara (4) Gandak
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	73

Question ID:	201063
Question Type:	MCQ
Question:	Area-wise which state has the largest forest cover? (1) Orissa (2) Arunachal Pradesh (3) Madhya Pradesh (4) Chhattisgarh
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	74
Question ID:	201064
Question Type:	MCQ
Question:	Himalayas is an example of (1) Block Mountains (2) Fold Mountains (3) Residual Mountains (4) Accumulated Mountains
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	75
Question ID:	201065
Question Type:	MCQ
Question:	Mahatma Gandhi was awarded the Kaisar-i-Hind for (1) raising an <u>Indian Ambulance Core</u> (2) laying the foundation of <u>Natal Indian Congress</u> (3) founding the magazine ' <u>Indian Opinion</u> ' (4) the first Civil Disobedience Movement against <u>Asiatic Ordinance in Transvaal</u>
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	76
Question ID:	201066
Question Type:	MCQ
Question:	Name the Sikh Guru who transformed the religious sect into a military brotherhood (1) Guru Angad (2) Guru Govind Singh (3) Guru Arjun (4) Guru Har Krishan
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	77

Question ID:	201067
Question Type:	MCQ
Question:	Who was the last Governor General of free India? (1) Wavell (2) Willingdon (3) Mounbatten (4) C. Rajagopalachari
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	78
Question ID:	201068
Question Type:	MCQ
Question:	During World War II which country was not part of Axis Power? (1) Germany (2) Italy (3) Japan (4) China
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	79
Question ID:	201069
Question Type:	MCQ
Question:	Name the first layer of atmosphere (1) Mesosphere (2) Stratosphere (3) Troposphere (4) Thermosphere
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	80
Question ID:	201070
Question Type:	MCQ
Question:	Which is not a 'Jovian' or 'Gaseous' planet? (1) Jupiter (2) Venus (3) Saturn (4) Uranus
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	81
Question ID:	201071

Question Type:	MCQ
Question:	Find the missing number which has the same relationship with the other number as that between numbers of the other pair : 72 : 144 :: 89 : _____ (1) 168 (2) 186 (3) 178 (4) 176
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	82
Question ID:	201072
Question Type:	MCQ
Question:	Select the word pair which has the same relationship as the given pair : Wish : Desire (1) Win : War (2) Wise : Famous (3) Wilt : Fresh (4) Wisper : Shout
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	83
Question ID:	201073
Question Type:	MCQ
Question:	Find the missing term which bears the same analogy with the other as the first pair : NAIL : KDFO : : HILT : _____ (1) EFOW (2) ELIW (3) EFLQ (4) ELIQ
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	84
Question ID:	201074
Question Type:	MCQ
Question:	Find the odd one out : 5, 11, 19, 29, 43, 55, 71 (1) 71 (2) 29 (3) 55 (4) 43
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	85
Question ID:	201075
Question Type:	MCQ
Question:	Find the odd one out : (1) Boxing (2) Tennis (3) Racing (4) Cricket
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	86
Question ID:	201076
Question Type:	MCQ
Question:	Unjumble the letters to form meaningful words and then select then odd one out : (1) AFCE (2) ETEF (3) ABCR (4) ADHN
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	87
Question ID:	201077
Question Type:	MCQ
Question:	Find the missing term : 1, 9, 29, 67, ?, 221 (1) 129 (2) 128 (3) 127 (4) 126
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	88
Question ID:	201078
Question Type:	MCQ
Question:	Choose the correct alternative that will continue the same pattern in the given series : W, U, Q, O, K, I, ? (1) F (2) G (3) E (4) K
1:	1
2:	2
3:	3
4:	4

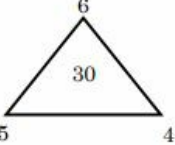
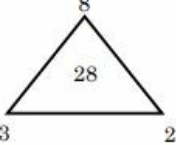
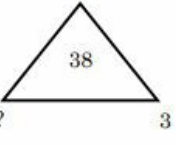
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	93
Question ID:	201083
Question Type:	MCQ
Question:	The position of how many letters of the word PONDER remains unchanged when the letters within the word are arranged alphabetically? (1)0 (2)1 (3)2 (4)3
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	94
Question ID:	201084
Question Type:	MCQ
Question:	Read the information given below about a family of eight persons A, B, C, D, E, F, G and H and answer the question that follows : H has a son and daughter. She is the grandmother of A, B, C and D and mother of G. F is the father of A and C. E is the daughter-in-law of H. How is G related to C? (1)Niece (2)Daughter (3)Mother (4)Aunt
1:	1
2:	2
3:	3
4:	4

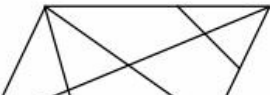
Section:	Reasoning Ability
Item No:	95
Question ID:	201085
Question Type:	MCQ
Question:	A child walks 30 steps from a point in a garden in the Northwest direction and then 30 steps in the Southwest direction. Which of the following is a way to reach the starting point? (1)30 steps towards the East (2)30 steps towards Northwest and 30 steps towards East (3)30 steps towards Southeast and 30 steps towards Northeast (4)30 steps towards Southeast
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	96

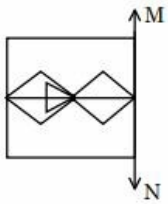
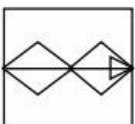
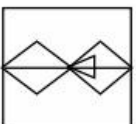
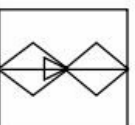
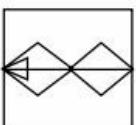
Question ID:	201086
Question Type:	MCQ
Question:	Find the missing term :    (1) 14 (3) 18 (2) 9 (4) 12
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	97
Question ID:	201087
Question Type:	MCQ
Question:	If $\div$ means $+$, $-$ means $\div$, $\times$ means $-$ and $+$ means $\times$, then find the value of $\frac{12 \div 48 - 4}{8 \times 3 + 2}$ (1) 2.4 (3) 7.5 (2) 1.5 (4) 12
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	98
Question ID:	201088
Question Type:	MCQ
Question:	A, B, C, D, E and F are sitting in two rows facing each other. B is not at an extreme end and is sitting to the right of A, who is facing C to whose left is E and F, and opposite D is E. Who are sitting on the extreme ends? (1) A, E, D, C (3) A, D, F, E (2) F, A, D, C (4) A, D, C, F
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	99
Question ID:	201089
Question Type:	MCQ
	How many triangles are there in the given figure? 

Question:	 (1) 12 (2) 13 (3) 11 (4) 10
1:	1
2:	2
3:	3
4:	4

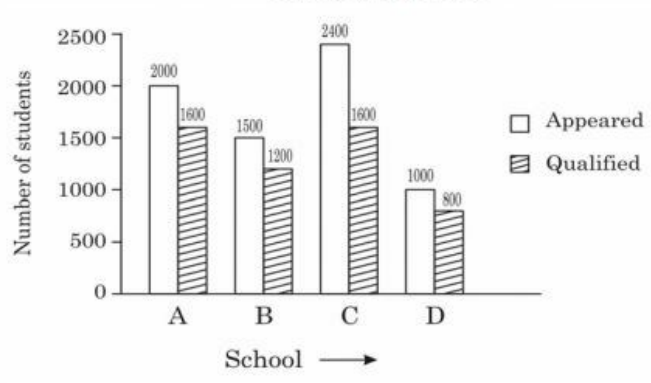
Section:	Reasoning Ability
Item No:	100
Question ID:	201090
Question Type:	MCQ
Question:	Find the mirror image of Figure A about the line MN :  (1)  (2)  (3)  (4) 
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	101
Question ID:	201091
Question Type:	MCQ
Question:	The area of a square of side 'a' units is equal to the area of a triangle with base '$2a$' units. Find the height of the triangle. (1) $\frac{a}{2}$ (2) a (3) $2a$ (4) $\frac{a}{4}$
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	102
Question ID:	201092
Question Type:	MCQ

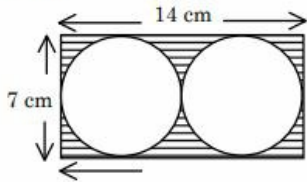
	A cylinder and sphere have the same diameter and height. Find the ratio of the volume of cylinder to the volume of sphere.
Question:	(1) 4 : 3 (2) 3 : 4 (3) 2 : 3 (4) 3 : 2
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	103
Question ID:	201093
Question Type:	MCQ
Question:	The curved surface area of the cone is 550 cm^2 and its radius is 7 cm. Find the volume of the cone. (1) 1232 cm^3 (2) 1234 cm^3 (3) 1236 cm^3 (4) 1238 cm^3
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	104
Question ID:	201094
Question Type:	MCQ
Question:	Study the bar graph and answer the question given below : Data of 4 schools participation in Scholarship Exam  In which school the percentage of qualifying students is lowest? (1) A (2) B (3) C (4) D
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	105
Question ID:	201095
Question Type:	MCQ

Question:	A metal sheet of length 22 cm and breadth 14 cm is rolled along its length to form a cylinder. Find its volume. (1) 1078 cm³ (2) 539 cm³ (3) 1400 cm³ (4) 700 cm³
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	106
Question ID:	201096
Question Type:	MCQ
Question:	Find the area of the shaded region  (1) 27 cm² (2) 25 cm² (3) 23 cm² (4) 21 cm²
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	107
Question ID:	201097
Question Type:	MCQ
Question:	In how many years would Rs.15,625 become Rs.19,683 at compound interest rate of 8% per annum? (1) 3 years (2) 2 years (3) 2.5 years (4) 3.5 years
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	108
Question ID:	201098
Question Type:	MCQ
Question:	Find the number of years needed for an amount of Rs. 4,500 to yield Rs.810 as interest at 4.5% per annum simple interest? (1) 2 years (2) 4 years (3) 5 years (4) 6 years
1:	1

Question:	(1) 50 hours (2) 55 hours (3) 56 hours (4) 60 hours
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	113
Question ID:	201103
Question Type:	MCQ
Question:	Three numbers A, B and C are in the ratio 1:2:3. Their average is 400. If A is increased by 10% and B is decreased by 20%, then to get the average increased by 5%, how much C should be increased? (1) 80 (2) 90 (3) 110 (4) 120
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	114
Question ID:	201104
Question Type:	MCQ
Question:	The ratio $9^{4.5} : 3^6$ is same as (1) 27 : 1 (2) 3 : 2 (3) 3 : 4 (4) 3 : 1
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	115
Question ID:	201105
Question Type:	MCQ
Question:	If the dimension of a hall is increased by 5 m, then the ratio of length to breadth is 7 : 5 and if decreased by 5 m, then the ratio is 5 : 3. Find the length of the hall. (1) 15 m (2) 20 m (3) 30 m (4) 35 m
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
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4:	4
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Section:	Mathematical Ability
Item No:	120
Question ID:	201110
Question Type:	MCQ
Question:	Three-sevenths of a number is 41.4. What will 65% of that number be? (1) 67.29 (2) 61.97 (3) 62.79 (4) 69.27
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	121
Question ID:	201111
Question Type:	MCQ
Question:	The average of 12, 7, 6 and x is 8 and the average of 18, 12, 16, x and y is 11. What is the value of y? (1) 2 (2) 4 (3) 7 (4) 9
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	122
Question ID:	201112
Question Type:	MCQ
Question:	Ten years later, A will be twice as old as B and five yeras ago, A was three times as old as B. What is the present age of A? (1) 30 years (2) 60 years (3) 40 years (4) 50 years
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	123
Question ID:	201113
Question Type:	MCQ
Question:	Three metal rods are of length 336 cm, 240 cm and 96 cm. They are to be cut into parts of equal length of maximum possible length. Find the maximum number of pieces that can be cut. (1) 12 (2) 13 (3) 14 (4) 15
1:	1

2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	124
Question ID:	201114
Question Type:	MCQ
Question:	The sum of two numbers is 16 and their HCF and LCM are 2 and 30 respectively. Find the sum of the reciprocal of the two numbers. (1) $\frac{4}{15}$ (2) $\frac{2}{15}$ (3) $\frac{7}{16}$ (4) $\frac{9}{16}$
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	125
Question ID:	201115
Question Type:	MCQ
Question:	Find the value of $\frac{62 \cdot 98 - 43 \cdot 67}{6 \cdot 298 + 4 \cdot 367} \div \frac{629 \cdot 8 - 436 \cdot 7}{62 \cdot 98 + 43 \cdot 67}$ (1) 10^{-1} (2) 1 (3) 10^{-2} (4) 10
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	126
Question ID:	201116
Question Type:	MCQ
Question:	Find the value of $64 \times 64 + 2048 + 16^2$ (1) 6800 (2) 6840 (3) 6480 (4) 6400
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	127
Question ID:	201117
Question Type:	MCQ
	The decimal equivalent of $1\frac{3}{5}\%$ is

Question:	(1) 160.0 (3) 0.016	(2) 1.6 (4) 0.16
1:	1	
2:	2	
3:	3	
4:	4	

Section:	Mathematical Ability
Item No:	128
Question ID:	201118
Question Type:	MCQ
Question:	Which of the following fractions is greater than $\frac{3}{4}$ and less than $\frac{6}{7}$? (1) $\frac{11}{14}$ (2) $\frac{1}{2}$ (3) $\frac{4}{7}$ (4) $\frac{5}{7}$
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	129
Question ID:	201119
Question Type:	MCQ
Question:	Find the value of $\frac{364 \times 364 + 136 \times 136 - 364 \times 136}{364 \times 364 \times 364 + 136 \times 136 \times 136}$ (1) 2.2 (2) 0.22 (3) 0.002 (4) 0.022
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	130
Question ID:	201120
Question Type:	MCQ
Question:	$\text{Simplify : } \frac{\frac{3}{7} + \frac{2}{5} \left(\frac{3}{4} - \frac{1}{3} \right)}{2\frac{1}{3} \text{ of } \frac{1}{4} - \frac{1}{5} \text{ of } \frac{3}{4}}$ (1) $2\frac{17}{70}$ (2) $1\frac{34}{91}$ (3) $3\frac{13}{43}$ (4) $4\frac{19}{25}$
1:	1
2:	2
3:	3

4:	4
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Section:	English
Item No:	131
Question ID:	201121
Question Type:	MCQ
Question:	Select the most appropriate option to complete the sentence : He asked me to copy the letter (1) Word by word (2) Word for word (3) Word with word (4) Word to word
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	132
Question ID:	201122
Question Type:	MCQ
Question:	Choose the correct alternative from the given option to complete the sentence : The problem needs to be _____ before it is too late. (1) nipped at the bud (2) nipped off the bud (3) nipped of the bud (4) nipped in the bud
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	133
Question ID:	201123
Question Type:	MCQ
Question:	Select the most appropriate meaning of the expression : 'Put your foot in your mouth' (1) to say something that embarrasses / upsets someone (2) to keep silent (3) to maintain secrecy (4) to play the fool
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	134
Question ID:	201124
Question Type:	MCQ
Question:	Choose the most appropriate meaning of the given phrase : 'with the wisdom of hindsight' (1) nostalgic about the past (2) to brood about the good old days

	(3) with knowledge of experience
	(4) apprehension of past events
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	135
Question ID:	201125
Question Type:	MCQ
Question:	Choose the alternative that will improve the sentence : The student <u>shook hand with</u> the chief guest after receiving the award. (1) shook hands with (2) shook the hand of (3) shook hand of (4) no improvement needed
1:	1
2:	2
3:	3
4:	4

Section:	English												
Item No:	136												
Question ID:	201126												
Question Type:	MCQ												
Question:	Find out which part of the sentence has an error. Else select 'no error' as an option : We better fix that / leak before it does / any permanent damage. / no error <table><tr><td>I</td><td>II</td><td>III</td><td>IV</td></tr><tr><td>(1) I</td><td></td><td>(2) II</td><td></td></tr><tr><td>(3) III</td><td></td><td>(4) IV</td><td></td></tr></table>	I	II	III	IV	(1) I		(2) II		(3) III		(4) IV	
I	II	III	IV										
(1) I		(2) II											
(3) III		(4) IV											
1:	1												
2:	2												
3:	3												
4:	4												

Section:	English															
Item No:	137															
Question ID:	201127															
Question Type:	MCQ															
Question:	Choose the part of the sentence which has an error. If 'no error' then choose option IV. I felt like someone / had pulled the carpet / away from under my feet. / no error. <table><tr><td></td><td>I</td><td>II</td><td>III</td><td>IV</td></tr><tr><td>(1)</td><td>I</td><td></td><td>(2)</td><td>II</td></tr><tr><td>(3)</td><td>III</td><td></td><td>(4)</td><td>IV</td></tr></table>		I	II	III	IV	(1)	I		(2)	II	(3)	III		(4)	IV
	I	II	III	IV												
(1)	I		(2)	II												
(3)	III		(4)	IV												
1:	1															
2:	2															
3:	3															
4:	4															

Section:	English
Item No:	138

Question ID:	201128
Question Type:	MCQ
Question:	Fill in the blank with the most appropriate phrase : After living in Mumbai for so long, the awful Delhi Winters is making me feel _____ (1) out of sorts (2) out of the woods (3) out and out (4) off the hook
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	139
Question ID:	201129
Question Type:	MCQ
Question:	Select the most appropriate phrase to fill the blank : _____ his negligence the company suffered a huge loss. (1) By virtue of (2) On behalf of (3) On account of (4) By way of
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	140
Question ID:	201130
Question Type:	MCQ
Question:	Select the word that is spelt correctly : (1) PURSUENCE (2) PERSUENCE (3) PERSUANCE (4) PURSUANCE
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	141
Question ID:	201131
Question Type:	MCQ
Question:	Choose the correctly spelt word : (1) ACIDUOUS (2) ASSIDUOUS (3) ASIDUOUS (4) ACCIDUOUS
1:	1
2:	2
3:	3
4:	4

Section:	English
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Item No:	142
Question ID:	201132
Question Type:	MCQ
Question:	Choose the word that is closest in meaning to 'VENERABLE' (1) afraid (2) vile (3) righteous (4) recent
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	143
Question ID:	201133
Question Type:	MCQ
Question:	Choose the word that is opposite in meaning to "TRANSIENT" (1) ephemeral (2) furious (3) evanescent (4) persistent
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	144
Question ID:	201134
Question Type:	MCQ
Question:	Select the word closest in meaning to 'KNAVE' (1) innocent (2) fiend (3) induce (4) dense
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	145
Question ID:	201135
Question Type:	MCQ
Question:	Select the word opposite in meaning to 'DAUNT' (1) invigorate (2) discourage (3) irk (4) collapse
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	146

Question ID:	201136
Question Type:	MCQ
Question:	Select the antonym for the underlined word : She was offended by the <u>curt</u> reply. (1) laconic (2) prompt (3) late (4) suave
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	147
Question ID:	201137
Question Type:	MCQ
Question:	Choose the word closest in meaning to the underlined word : The sale of toys <u>accelerated</u> during Christmas time. (1) blocked (2) hobbled (3) surged (4) ignited
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	148
Question ID:	201138
Question Type:	MCQ
Question:	Re-arrange the parts to make a meaningful sentence : at least two languages is / the written test / knowledge of / necessary / to qualify for I II III IV V (1) I, IV, V, III, II (2) I, III, II, IV, V (3) III, I, IV, V, II (4) V, I, IV, III, II
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	149
Question ID:	201139
Question Type:	MCQ
Question:	Re-arrange the parts to make a meaningful sentence : at dusk / are turned on / the street lights / at dawn / and switched off I II III IV V (1) III, II, IV, V, I (2) III, II, I, V, IV (3) IV, II, III, V, I (4) I, II, III, V, IV
1:	1
2:	2
3:	3

4:	4
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Section:	English
Item No:	150
Question ID:	201140
Question Type:	MCQ
Question:	Choose the correct alternative which best expresses the meaning of the idiom : To cry wolf (1) to roar (2) to be heard from a distance (3) to point error (4) to raise a false alarm
1:	1
2:	2
3:	3
4:	4