

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	1	<p>One of the carnivorous plants given below uses a “fly paper trap” mechanism to capture the preys. It is</p> <p>A1 : Utricularia vulgaris</p> <p>A2 : Darlingtoniacalifornica</p> <p>A3 : Droseracapensis – (Correct Alternative)</p> <p>A4 : Dionaeamuscipula</p>	1.0	0.25
Objective Question				
2	2	<p>Paclitaxel, the most well-known natural-source cancer drug, is derived from the bark of</p> <p>A1 : Vincarosea</p> <p>A2 : Gloriosasuperba</p> <p>A3 : Pacific yew tree – (Correct Alternative)</p> <p>A4 : Strychnosnuxvomica</p>	1.0	0.25
Objective Question				
3	3	<p>A class of mutations induced by addition or deletion of a nucleotide is called</p> <p>A1 : nonsense mutation</p> <p>A2 : missense mutation</p>	1.0	0.25

		<p>A3 frame shift mutation – (Correct Alternative)</p> <p>:</p> <p>A4 reversion</p> <p>:</p>		
Objective Question				
4	4	<p>The dwarf pea mutant used by Mendel for genetic analysis was defective in biosynthesis of</p> <p>A1 Gibberellic acid – (Correct Alternative)</p> <p>:</p> <p>A2 Polyamine</p> <p>:</p> <p>A3 Indole acetic acid</p> <p>:</p> <p>A4 Brassinosteroid</p> <p>:</p>	1.0	0.25
Objective Question				
5	5	<p>One characteristic feature of the plants cells is that they are:</p> <p>A1 omnipotent</p> <p>:</p> <p>A2 totipotent – (Correct Alternative)</p> <p>:</p> <p>A3 pluripotent</p> <p>:</p> <p>A4 multipotent</p> <p>:</p>	1.0	0.25
Objective Question				
6	6	<p>The primary target of the toxin produced by Clostridium botulinum in the human system is</p> <p>A1 Circulatory system</p>	1.0	0.25

		<p>:</p> <p>A2 Nervous system – (Correct Alternative)</p> <p>:</p> <p>A3 Respiratory system</p> <p>:</p> <p>A4 Reproductive system</p> <p>:</p>		
Objective Question				
7	7	<p>The swollen tip of a hypha or germ tube that facilitates attachment and penetration of the host by a fungus is called</p> <p>A1 Appressorium – (Correct Alternative)</p> <p>:</p> <p>A2 Haustorium</p> <p>:</p> <p>A3 Apothecium</p> <p>:</p> <p>A4 Ascostroma</p> <p>:</p>	1.0	0.25
Objective Question				
8	8	<p>When a flower can be divided in to two radial halves in any radial plane passing through the center is called as</p> <p>A1 Zygomorphic flower</p> <p>:</p> <p>A2 Actinomorphic flower – (Correct Alternative)</p> <p>:</p> <p>A3 Phleomorphic flower</p> <p>:</p> <p>A4 Amorophic flower</p> <p>:</p>	1.0	0.25

Objective Question				
9	9	<p>An essential macronutrient which functions as a secondary messenger during signal transduction is</p> <p>A1 Lithium :</p> <p>A2 Sodium :</p> <p>A3 Potassium :</p> <p>A4 Calcium – (Correct Alternative) :</p>	1.0	0.25
Objective Question				
10	10	<p>Dependence of bacterial or spore behavior and pathogenicity on their cells reaching a certain density by sensing the concentration of certain signal molecules in their environment is called</p> <p>A1 Quorum sensing – (Correct Alternative) :</p> <p>A2 Quarantine :</p> <p>A3 Phyllody :</p> <p>A4 Polyetic :</p>	1.0	0.25
Objective Question				
11	11	<p>Bat pollinated flowers are called</p> <p>A1 Anemophilous :</p> <p>A2 Chiropterophilous – (Correct Alternative) :</p> <p>A3 Hydrophilous</p>	1.0	0.25

		: A4 Entamophilous :		
Objective Question				
12	12	Phosphorylation-dephosphorylation of proteins is an important mechanism of enzyme A1 synthesis : A2 degradation : A3 regulation – (Correct Alternative) : A4 turnover :	1.0	0.25
Objective Question				
13	13	An example of nitrogen-fixing symbiotic microbe is A1 Klebsiella – (Correct Alternative) : A2 Alnus : A3 Clostridium : A4 Frankia :	1.0	0.25
Objective Question				
14	14	Bordeaux mixture is used in vine yards to prevent downy mildew and powdery mildew is a mixture of A1 Copper Sulphate and Slaked Lime – (Correct Alternative) :	1.0	0.25

		<p>A2 : Zink Sulphate and Slaked Lime</p> <p>A3 : Magnesium Sulphate and Common Salt</p> <p>A4 : Cupric Sulphate and Caustic soda</p>		
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Objective Question

15	15	<p>Which of the following plant was accidentally exported to India with American wheat products and now it is predominantly found and known all over India as “congress grass”.</p> <p>A1 : Partheniumargentatum – (Correct Alternative)</p> <p>A2 : Cannabis marihuana</p> <p>A3 : Pongamiaglabra</p> <p>A4 : Poenchettiapulcherima</p>	1.0	0.25
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Objective Question

16	16	<p>Hemocoelic body cavity is a characteristic of</p> <p>A1 : Ascaris</p> <p>A2 : Leech</p> <p>A3 : Cockroach – (Correct Alternative)</p> <p>A4 : Snails</p>	1.0	0.25
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Objective Question

17	17	<p>Link glands are present as a means of escape from predators in</p> <p>A1 : Pila (Gastropoda)</p> <p>A2 : Unio (Pelecypoda)</p> <p>A3 : Sepia (Cephalopoda) – (Correct Alternative)</p> <p>A4 : Dentalium (Scaphopoda)</p>	1.0	0.25
Objective Question				
18	18	<p>Pearls of commercial value are produced by which of the following genera</p> <p>A1 : Pinctada – (Correct Alternative)</p> <p>A2 : Unio</p> <p>A3 : Anodonta</p> <p>A4 : Ostrea</p>	1.0	0.25
Objective Question				
19	19	<p>Fasciola hepatica is an endoparasite that lives in the</p> <p>A1 : Liver of sheep – (Correct Alternative)</p> <p>A2 : Blood of sheep</p> <p>A3 : Spleen of sheep</p> <p>A4 Intestine of sheep</p>	1.0	0.25

		:		
Objective Question				
20	20	<p>The intermediate host in the life cycle of Taeniasaginatais</p> <p>A1 : Pig</p> <p>A2 : Fish</p> <p>A3 : Dog</p> <p>A4 Cattle – (Correct Alternative) :</p>	1.0	0.25
Objective Question				
21	21	<p>The blood calcium level is lowered by the deficiency of</p> <p>A1 : Thyroxine</p> <p>A2 : Calcitonin</p> <p>A3 Parathormone – (Correct Alternative) :</p> <p>A4 : Both calcitonin and parathormone</p>	1.0	0.25
Objective Question				
22	22	<p>HCG is secreted by</p> <p>A1 Placenta – (Correct Alternative) :</p> <p>A2 : Ovary</p> <p>A3 Thymus</p>	1.0	0.25

		: A4 Thyroid :		
Objective Question				
23	23	Mountain sickness is due to A1 Low PO ₂ – (Correct Alternative) : A2 Low PCO ₂ : A3 High PCO ₂ : A4 High PO ₂ :	1.0	0.25
Objective Question				
24	24	Identify a Mendelian disorder from the following A1 Down's syndrome : A2 Klinefelter's syndrome : A3 Turner's syndrome : A4 Phenylketonuria – (Correct Alternative) :	1.0	0.25
Objective Question				
25	25	Lamarck theory of organic evolution is usually known as A1 Natural selection : A2 Inheritance of acquired characters – (Correct Alternative) :	1.0	0.25

		A3 Descent with change : A4 continuity of fermplasm :		
Objective Question				
26	26	The pyramid of energy in terrestrial ecosystem is A1 upright – (Correct Alternative) : A2 inverted : A3 spindle shaped : A4 irregular :	1.0	0.25
Objective Question				
27	27	Barnacles growing on the back of whale is an example for A1 Mutualism : A2 Parasitism : A3 Amensalism : A4 Commensalism – (Correct Alternative) :	1.0	0.25
Objective Question				
28	28	Which is essential for blood clotting? A1 Sodium :	1.0	0.25

		<p>A2 Potasium :</p> <p>A3 Vitamin K – (Correct Alternative) :</p> <p>A4 Phosphorus :</p>		
Objective Question				
29	29	<p>Oxytocin is secreted through</p> <p>A1 Anterior pituitary :</p> <p>A2 Posterior pituitary – (Correct Alternative) :</p> <p>A3 Hypothalamus :</p> <p>A4 Cerebrum :</p>	1.0	0.25
Objective Question				
30	30	<p>Which of the following is X-linked disease?</p> <p>A1 Colour blindness :</p> <p>A2 Haemophilla :</p> <p>A3 Both of the above – (Correct Alternative) :</p> <p>A4 none of these :</p>	1.0	0.25
Objective Question				
31	31	<p>Agrobacterium mediated transformation of monocots requires the use of which compound for induction of vir genes?</p>	1.0	0.25

		<p>A1 : Agarose</p> <p>A2 : Acetophenone</p> <p>A3 : Acetosyringone – (Correct Alternative)</p> <p>A4 : Cefotaxime</p>		
Objective Question				
32	32	<p>Treatment of E.coli cells with which of the following makes them permeable to DNA?</p> <p>A1 : CaCl₂ – (Correct Alternative)</p> <p>A2 : MgCl₂</p> <p>A3 : KNO₃</p> <p>A4 : Calcium phosphate</p>	1.0	0.25
Objective Question				
33	33	<p>Ligase forms a phosphodiester linkage between free 5'phosphoryl and</p> <p>A1 : 5'phosphoryl</p> <p>A2 : 3'phosphoryl</p> <p>A3 : 5'hydroxyl</p> <p>A4 : 3'hydroxyl – (Correct Alternative)</p>	1.0	0.25

Objective Question				
34	34	<p>Variation occurring in plants regenerated from somatic cultured cells or tissues is known as</p> <p>A1 : Micropropagation</p> <p>A2 : Protoclonal variation</p> <p>A3 : Environmental variation</p> <p>A4 : Somaclonal variation – (Correct Alternative)</p>	1.0	0.25
Objective Question				
35	35	<p>The slow ripening transgenic tomato FlavrSavr was developed by which approach/ technology</p> <p>A1 : Gene disruption</p> <p>A2 Antisense RNA technology – (Correct : Alternative)</p> <p>A3 : Ribozyme technology</p> <p>A4 : CRISPER/Cas</p>	1.0	0.25
Objective Question				
36	36	<p>Which of the following type of repetitive DNA consists of repeating sequence of 2-6 bp</p> <p>A1 : Dispersed repetitive DNA</p> <p>A2 : Minisatellite DNA</p> <p>A3 : Microsatellite DNA – (Correct Alternative)</p>	1.0	0.25

		A4 Transposon :		
Objective Question				
37	37	Which of the following is a visual marker? A1 AMP : A2 GFP – (Correct Alternative) : A3 CAT : A4 CMP :	1.0	0.25
Objective Question				
38	38	The sequence of Pribnow box is: A1 TATATT : A2 TTGACA : A3 TTATAT : A4 TATAAT – (Correct Alternative) :	1.0	0.25
Objective Question				
39	39	‘Molecular beacons’ are probes used in detection system for: A1 Hot start PCR : A2 RT PCR :	1.0	0.25

		A3 Real time PCR – (Correct Alternative) : A4 Touch down :		
Objective Question				
40	40	RFLP markers are A1 Co-dominant – (Correct Alternative) : A2 Dominant : A3 Recessive : A4 Co-recessive :	1.0	0.25
Objective Question				
41	41	Which of the following can be used as a sequencing vector? A1 CaMV : A2 Lambda phage : A3 M13 phage – (Correct Alternative) : A4 E.coli :	1.0	0.25
Objective Question				
42	42	DNA strand that bears the same sequence as the mRNA is called: A1 Coding strand – (Correct Alternative) :	1.0	0.25

		A2 Non-coding strand : A3 Template DNA : A4 Complementary strand :		
Objective Question				
43	43	Okazaki fragments occur during A1 Transformation : A2 Replication – (Correct Alternative) : A3 Polymerase chain reaction : A4 Transduction :	1.0	0.25
Objective Question				
44	44	Which enzyme protects bacteria from viruses through fragmentation of viral DNA upon its entry into the cell A1 Endonuclease – (Correct Alternative) : A2 Exonuclease : A3 Ligase : A4 S-adenosylmethylase :	1.0	0.25
Objective Question				
45	45	The primary source of ‘çry’ toxin gene is:	1.0	0.25

		<p>A1 Eubacteria :</p> <p>A2 Extremophiles :</p> <p>A3 Bacillus spp – (Correct Alternative) :</p> <p>A4 Archaeobacteria :</p>		
Objective Question				
46	46	<p>Which of the following next generation sequencing methods generates maximum read length of sequences?</p> <p>A1 454 sequencing – (Correct Alternative) :</p> <p>A2 Illumina :</p> <p>A3 ABSolid :</p> <p>A4 Nanopore :</p>	1.0	0.25
Objective Question				
47	47	<p>‘Zinc finger’ are important in cellular function because they are</p> <p>A1 The catalytic site of many metabolic enzymes :</p> <p>A2 Structural motifs in many DNA binding proteins – (Correct Alternative) :</p> <p>A3 Structure with high redox potential :</p> <p>A4 Characteristics of palindrome stretches of unique DNA sequence :</p>	1.0	0.25

Objective Question				
48	48	<p>Which of the following would not be possible to address using a northern blot?</p> <p>A1 Location of restriction sites in a particular gene – : (Correct Alternative)</p> <p>A2 : Spatial expression of a particular gene</p> <p>A3 : Temporal expression of a particular gene</p> <p>A4 : mRNA size</p>	1.0	0.25
Objective Question				
49	49	<p>T4 nucleotide kinase is used for</p> <p>A1 : Labelling 3'end of DNA</p> <p>A2 : Labelling 5'end of DNA – (Correct Alternative)</p> <p>A3 : Creating blunt ends of DNA</p> <p>A4 : Dephosphorylation of DNA</p>	1.0	0.25
Objective Question				
50	50	<p>Restriction enzymes with the same sequence specificity but different cut sites are referred as</p> <p>A1 : Isomers</p> <p>A2 : Polymers</p> <p>A3 : Isoschizomers</p>	1.0	0.25

		A4 Neoschizomers – (Correct Alternative) :		
Objective Question				
51	51	<p>Telomeric sequences are found in</p> <p>A1 HAC :</p> <p>A2 BAC :</p> <p>A3 YAC – (Correct Alternative) :</p> <p>A4 PAC :</p>	1.0	0.25
Objective Question				
52	52	<p>Which one of the following would produce androgenic haploids in anther culture?</p> <p>A1 Anther wall :</p> <p>A2 Tapetal layer :</p> <p>A3 Connective tissue :</p> <p>A4 Microspores – (Correct Alternative) :</p>	1.0	0.25
Objective Question				
53	53	<p>The primer of lagging strand during DNA replication is removed by</p> <p>A1 3'to 5'exonuclease activity of DNA polymerase III :</p> <p>A2 3'to 5'exonuclease activity of DNA polymerase I :</p>	1.0	0.25

		<p>A3 5'to 3'exonuclease activity of DNA polymerase III :</p> <p>A4 5'to 3'exonuclease activity of DNA polymerase I – : (Correct Alternative)</p>		
Objective Question				
54	54	<p>DMSO (dimethyl sulfoxide) is used as</p> <p>A1 Gelling agent :</p> <p>A2 Alkylating agent :</p> <p>A3 Chelating agent :</p> <p>A4 Cryoprotectant – (Correct Alternative) :</p>	1.0	0.25
Objective Question				
55	55	<p>Klenow fragment retains which of the following activities of the native enzyme?</p> <p>A1 3'to 5'exonulclease activity :</p> <p>A2 5'to 5'exonulclease activity :</p> <p>A3 5'to 3'exonulclease activity – (Correct : Alternative)</p> <p>A4 3'to 3'exonulclease activity :</p>	1.0	0.25
Objective Question				
56	56	<p>Maxam and Gilbert method for nucleic acid sequencing is based on</p> <p>A1 Dideoxy method :</p>	1.0	0.25

		<p>A2 Base specific chemical cleavage method – : (Correct Alternative)</p> <p>A3 : Chain termination method</p> <p>A4 : CN Br method</p>		
Objective Question				
57	57	<p>The expected size of DNA fragments generated by a 4-cutter restriction endonuclease assuming that DNA is a random sequence of bases, would be</p> <p>A1 : 16 bp</p> <p>A2 : 256 bp – (Correct Alternative)</p> <p>A3 : 4096 bp</p> <p>A4 : 65536 bp</p>	1.0	0.25
Objective Question				
58	58	<p>In Lac operon, allolactose acts as</p> <p>A1 : Inducer</p> <p>A2 : Gratuitous inducer – (Correct Alternative)</p> <p>A3 : Repressor</p> <p>A4 : Substrate</p>	1.0	0.25
Objective Question				
59	59	DNA is methylated at	1.0	0.25

		<p>A1 : AG sequences</p> <p>A2 : CG sequences – (Correct Alternative)</p> <p>A3 : AC sequences</p> <p>A4 : TATA sequences</p>		
Objective Question				
60	60	<p>QTL analysis is used to:</p> <p>A1 : Identify RNA polymerase binding sites</p> <p>A2 : Map genes in bacterial viruses</p> <p>A3 : Determine which genes are expressed at developmental stage</p> <p>A4 : Identify chromosome regions associated with a complex trait – (Correct Alternative)</p>	1.0	0.25
Objective Question				
61	61	<p>FERA stands for</p> <p>A1 : Foreign Exchange Regulation Act – (Correct Alternative)</p> <p>A2 : Foreign Exchange Restrictions Act</p> <p>A3 : Foreign Exchange Reserves Act</p> <p>A4 : None of these</p>	1.0	0.25
Objective Question				

62	62	<p>Which is India's highest civilian honour?</p> <p>A1 : Ashoka Chakra</p> <p>A2 : Padma Bhushan</p> <p>A3 : Padma Sri</p> <p>A4 : One of the above – (Correct Alternative)</p>	1.0	0.25
Objective Question				
63	63	<p>The ozone layer is part of the</p> <p>A1 : Troposphere</p> <p>A2 : Stratosphere – (Correct Alternative)</p> <p>A3 : Ionosphere</p> <p>A4 : Mesosphere</p>	1.0	0.25
Objective Question				
64	64	<p>What is the currency of Indonesia?</p> <p>A1 : Rupiah – (Correct Alternative)</p> <p>A2 : Dinar</p> <p>A3 : Riyal</p> <p>A4 : Rangit</p>	1.0	0.25

Objective Question				
65	65	<p>Israel's Rafale Defence Systems Ltd has formed a joint venture with _____ to produce anti-tank guided missiles for the Indian armed forces</p> <p>A1 : Goa Shipyard</p> <p>A2 : Hindustan Aeronautics Limited</p> <p>A3 : Kalyani Group – (Correct Alternative)</p> <p>A4 : None of the above</p>	1.0	0.25
Objective Question				
66	66	<p>Method used for separation of water and alcohol is:</p> <p>A1 : Evaporation</p> <p>A2 : Filtration</p> <p>A3 : Distillation – (Correct Alternative)</p> <p>A4 : Decantation</p>	1.0	0.25
Objective Question				
67	67	<p>The estimation of the age of the earth is done by:</p> <p>A1 : Uranium dating – (Correct Alternative)</p> <p>A2 : Carbon dating</p> <p>A3 : Atomic clock</p>	1.0	0.25

		A4 Bio clock :		
Objective Question				
68	68	Which gas is used to disinfect the drinking water? A1 Hydrogen : A2 Chlorine – (Correct Alternative) : A3 Fluorine : A4 Oxygen :	1.0	0.25
Objective Question				
69	69	The ‘Concept of Inertia’ was developed by: A1 Galileo – (Correct Alternative) : A2 Newton : A3 Einstein : A4 Archimedes :	1.0	0.25
Objective Question				
70	70	Maximum portion of the moon visible from the earth’s surface is: A1 50% : A2 59% – (Correct Alternative) :	1.0	0.25

		A3 41% : A4 47% :		
Objective Question				
71	71	To deprive someone of voting rights is A1 Disfranchise : A2 Disenfranchise – (Correct Alternative) : A3 Unfranchise : A4 franchise :	1.0	0.25
Objective Question				
72	72	Where you are today, _____ What counts is where you are going. A1 Do not count : A2 Doesn't count – (Correct Alternative) : A3 Not count : A4 Isn't count :	1.0	0.25
Objective Question				
73	73	The Prime Minister wants to call an all-party meeting to break the stalemate _____ this issue and _____ a consensus. A1 on, win	1.0	0.25

		<p>:</p> <p>A2 at, develop :</p> <p>A3 of, capture :</p> <p>A4 on, reach – (Correct Alternative) :</p>		
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Objective Question

74	74	<p>It was a great _____ to _____ the high-level meeting between America and India.</p> <p>A1 favour, part :</p> <p>A2 time, participate :</p> <p>A3 honour, witness – (Correct Alternative) :</p> <p>A4 period, watch :</p>	1.0	0.25
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Objective Question

75	75	<p>Internet has _____ revolutionised the world of _____ and knowledge.</p> <p>A1 become, media :</p> <p>A2 really, college :</p> <p>A3 probably, application :</p> <p>A4 indeed, information – (Correct Alternative) :</p>	1.0	0.25
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Objective Question

76	76	<p>The antonym of Discrepancy</p> <p>A1 : inconsistency</p> <p>A2 : consistency – (Correct Alternative)</p> <p>A3 : inappropriate</p> <p>A4 : variance</p>	1.0	0.25
Objective Question				
77	77	<p>The antonym of Dismal is</p> <p>A1 : remarkable – (Correct Alternative)</p> <p>A2 : trivial</p> <p>A3 : reserved</p> <p>A4 : puzzled</p>	1.0	0.25
Objective Question				
78	78	<p>They finally saw _____ on the business deal.</p> <p>A1 : face to face</p> <p>A2 : eye to eye – (Correct Alternative)</p> <p>A3 : eye and eye</p> <p>A4 : hand on hand</p>	1.0	0.25

Objective Question				
79	79	<p>By working part-time and looking after her kids two days a week she managed to _____</p> <p>A1 : get the pie</p> <p>A2 : take the pie</p> <p>A3 : have the cake and eat it too</p> <p>A4 get the best of both worlds – (Correct Alternative)</p>	1.0	0.25
Objective Question				
80	80	<p>Tick the word closest in meaning to the word in italics- a <i>baffling</i> problem:</p> <p>A1 : difficult</p> <p>A2 : simple</p> <p>A3 puzzling – (Correct Alternative)</p> <p>A4 : long</p>	1.0	0.25
Objective Question				
81	81	<p>Which of the below pair has the same relationship for Revolution: Change?</p> <p>A1 : Disease : Medicine</p> <p>A2 Treaty : Peace – (Correct Alternative)</p> <p>A3 : Food : Energy</p>	1.0	0.25

		A4 Famous : Notorious :		
Objective Question				
82	82	<p>If in a certain language MYSTIFY is coded as NZTUJGZ, how is NEMISES coded in that code?</p> <p>A1 MDLHRDR :</p> <p>A2 OFNJTFT – (Correct Alternative) :</p> <p>A3 ODNHTDR :</p> <p>A4 PGOKUGU :</p>	1.0	0.25
Objective Question				
83	83	<p>If Chi Kai Shi means Earth is round; Chu Chin Chi means Banana is sweet; Kulshak Kai means Balls are round, then which letter code stands for Earth?</p> <p>A1 Chi :</p> <p>A2 Shi – (Correct Alternative) :</p> <p>A3 Kai :</p> <p>A4 Chu :</p>	1.0	0.25
Objective Question				
84	84	<p>A+B means A is the son of B; A–B means A is the wife of B; AXB means A is the brother of B; A/B means A is the mother of B; and A=B means A is the sister of B? What does P+R–Q mean?</p> <p>A1 Q is the father of P – (Correct Alternative)</p>	1.0	0.25

		<p>:</p> <p>A2 Q is the son of P</p> <p>:</p> <p>A3 Q is the uncle of P</p> <p>:</p> <p>A4 Q is the brother of P</p> <p>:</p>		
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Objective Question

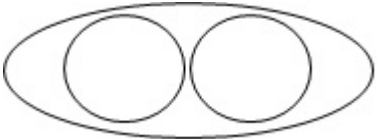
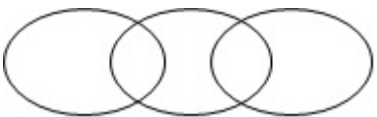
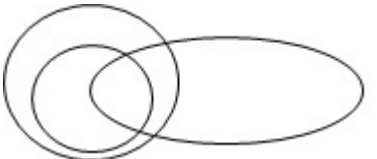
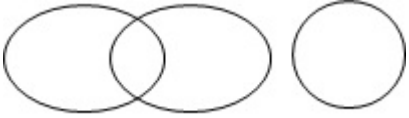
85	85	<p>Six persons A, B, C, D, E and F are sitting in two rows, three in each. E is not at the end of any row. D is the second to the left of F. C, the neighbor of E, is sitting diagonally opposite to D. B is the neighbor of F. Which of the following are sitting diagonally opposite to each other?</p> <p>A1 F and C</p> <p>:</p> <p>A2 D and A</p> <p>:</p> <p>A3 A and C</p> <p>:</p> <p>A4 A and F – (Correct Alternative)</p> <p>:</p>	1.0	0.25
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Objective Question

86	86	<p>Abhinav walked 2 km west of his house and then turned south covering 4 km. Finally, he moved 3 km towards east and then again 1 km west. How far is he from his initial position?</p> <p>A1 2 km</p> <p>:</p> <p>A2 4 km – (Correct Alternative)</p> <p>:</p> <p>A3 9 km</p>	1.0	0.25
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		: A4 10 km :		
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Objective Question

87	87	<p>Which of the following diagrams correctly represents elephants, wolves, and animals?</p> <p>A1 :  – (Correct Alternative)</p> <p>A2 : </p> <p>A3 : </p> <p>A4 : </p>	1.0	0.25
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Objective Question

88	88	<p>If by arranging the letters of the word NABMODINT, the name of a game is formed, what are the first and last letter of the word so formed.</p> <p>A1 B, T :</p> <p>A2 M, T :</p> <p>A3 B, N – (Correct Alternative) :</p> <p>A4 M, N</p>	1.0	0.25
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Objective Question

89	89	<p>If + means /, - means x, / means +, and x means -, then $36 \times 12 + 4/6 + 2 - 3 = \underline{\hspace{2cm}}$.</p> <p>A1 2 :</p> <p>A2 18 :</p> <p>A3 42 – (Correct Alternative) :</p> <p>A4 12 :</p>	1.0	0.25
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Objective Question

90	90	<p>Considering α means greater than, if $3A \alpha B$ and $3B \alpha 2C$, then</p> <p>A1 $2A \alpha C$:</p> <p>A2 $4A \alpha B$:</p> <p>A3 $4A \alpha C$ – (Correct Alternative) :</p> <p>A4 $2A \alpha B$:</p>	1.0	0.25
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Objective Question

91	91	<p>Choose the group of letters which is different from others in the group of BCD, KMN, QRS, GHI, and WXY</p> <p>A1 KMN – (Correct Alternative) :</p> <p>A2 GHI :</p>	1.0	0.25
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		<p>A3 WXY :</p> <p>A4 BCD :</p>		
Objective Question				
92	92	<p>The unit's digit in the product $(3127)^{173}$ is _____.</p> <p>A1 1 :</p> <p>A2 3 :</p> <p>A3 7 – (Correct Alternative) :</p> <p>A4 9 :</p>	1.0	0.25
Objective Question				
93	93	<p>5b2 is a three-digit number with b as a missing digit. If the number is divisible by 6, the missing digit is _____.</p> <p>A1 2 – (Correct Alternative) :</p> <p>A2 3 :</p> <p>A3 6 :</p> <p>A4 7 :</p>	1.0	0.25
Objective Question				
94	94	<p>How many of the following numbers are divisible by 132? 264, 396, 462, 792, 968, 2178, 5184, 6336</p>	1.0	0.25

		<p>A1 : 4 – (Correct Alternative)</p> <p>A2 : 5</p> <p>A3 : 6</p> <p>A4 : 7</p>		
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Objective Question

95	95	<p>The sum of three consecutive odd numbers is always divisible by _____. I. 2 II. 3 III. 5 IV. 6</p> <p>A1 : Only I</p> <p>A2 : Only II – (Correct Alternative)</p> <p>A3 : Only I and II</p> <p>A4 : Only II and IV</p>	1.0	0.25
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Objective Question

96	96	<p>The least number which must be subtracted from 6709 to make it exactly divisible by 9 is _____.</p> <p>A1 : 2</p> <p>A2 : 3</p> <p>A3 : 4 – (Correct Alternative)</p> <p>A4 : 5</p>	1.0	0.25
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Objective Question				
97	97	<p>When a number is divided by 31, the remainder is 29. When the same number is divided by 16, what will be the remainder?</p> <p>A1 11 :</p> <p>A2 13 :</p> <p>A3 15 :</p> <p>A4 Data inadequate – (Correct Alternative) :</p>	1.0	0.25
Objective Question				
98	98	<p>The average of first 10 even numbers is _____.</p> <p>A1 18 :</p> <p>A2 22 :</p> <p>A3 9 :</p> <p>A4 11 – (Correct Alternative) :</p>	1.0	0.25
Objective Question				
99	99	<p>A man can row his boat with the stream at 6 km/h and against the stream in 4 km/h. The man's rate is _____ km/h</p> <p>A1 1 – (Correct Alternative) :</p> <p>A2 5 :</p>	1.0	0.25

		A3 8 : A4 3 :		
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Objective Question

100	100	<p>If Rs.7500 are borrowed at Compound Interest at the rate of 4% per annum, then after 2 years the amount to be paid is_____.</p> <p>A1 8112 – (Correct Alternative) : A2 8100 : A3 7900 : A4 8000 :</p>	1.0	0.25
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Objective Question

101	101	<p>If the cost of M meters of wire is R rupees, then what would be the cost of N meters of same wire at the same rate?</p> <p>A1 (R/M).N – (Correct Alternative) : A2 (R/MN) : A3 (M/N).R : A4 (RM/N) :</p>	1.0	0.25
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Objective Question

102	102	<p>A seller gives a discount of 4% on a product with MRP marked INR 1500. He earned a profit of 20% over its</p>	1.0	0.25
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		<p>cost price in this transaction. Cost price of the product is</p> <p>A1 1200 – (Correct Alternative)</p> <p>:</p> <p>A2 1500</p> <p>:</p> <p>A3 1600</p> <p>:</p> <p>A4 1000</p> <p>:</p>		
Objective Question				
103	103	<p>If the sides of a rectangle are increased by 30%, what will be the percentage increase in the area of the rectangle?</p> <p>A1 44%</p> <p>:</p> <p>A2 40%</p> <p>:</p> <p>A3 64%</p> <p>:</p> <p>A4 69% – (Correct Alternative)</p> <p>:</p>	1.0	0.25
Objective Question				
104	104	<p>If $A + B = 99$, and B is half of A, then the value of A and B is?</p> <p>A1 33, 66</p> <p>:</p> <p>A2 66, 33 – (Correct Alternative)</p> <p>:</p> <p>A3 77, 22</p> <p>:</p>	1.0	0.25

		A4 22, 77 :		
Objective Question				
105	105	<p>What will be the unit's digit in $(564)^{202} + (564)^{203}$</p> <p>A1 4 :</p> <p>A2 6 :</p> <p>A3 0 – (Correct Alternative) :</p> <p>A4 2 :</p>	1.0	0.25
Objective Question				
106	106	<p>Three varieties of tea called A, B and C respectively are mixed in the ratio of 2:1:3 to yield a mixture worth Rs 155 per kg. If the price of A is 120 per kg, and that of B is 150 per kg; what is the price of 2 kgs of C?</p> <p>A1 450 :</p> <p>A2 360 – (Correct Alternative) :</p> <p>A3 300 :</p> <p>A4 270 :</p>	1.0	0.25
Objective Question				
107	107	<p>A sum of money grows to Rs 325 when it is invested at 5% per annum simple interest. If same amount of money is invested for 4% it grows to Rs 312. How long was the money invested for?</p> <p>A1 4 Years :</p>	1.0	0.25

		<p>A2 7 Years :</p> <p>A3 5 Years – (Correct Alternative) :</p> <p>A4 10 Years :</p>		
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Objective Question

108	108	<p>A shopkeeper provides successive discounts of 20% and 10% on an article, yet he manages to earn a profit of 8%. The selling price of the article is Rs 1296. The difference between the cost price and marked price is</p> <p>A1 400 :</p> <p>A2 500 :</p> <p>A3 600 – (Correct Alternative) :</p> <p>A4 800 :</p>	1.0	0.25
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Objective Question

109	109	<p>Tap A can fill a tank in 9 hours and tap B can fill in 6 hours. Tap A is opened at 8:00 AM and tap B is opened at 11:00 AM. Time at which the tank would be filled is</p> <p>A1 1:00 PM :</p> <p>A2 1:24 PM – (Correct Alternative) :</p> <p>A3 1:20 PM :</p> <p>A4 1:30 PM :</p>	1.0	0.25
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Objective Question				
110	110	<p>The average score of section A, B and C of a class is 75, 76 and 80 respectively. The numbers of students in three sections are in ratio 1:2:3. Average scores of all the sections combined is?</p> <p>A1 77.57 :</p> <p>A2 78.59 :</p> <p>A3 76.93 :</p> <p>A4 77.83 – (Correct Alternative) :</p>	1.0	0.25
Objective Question				
111	111	<p>A doctor invents a kit to diagnose blood sugar levels. Such a kit is :</p> <p>A1 Patentable – (Correct Alternative) :</p> <p>A2 Copyrightable :</p> <p>A3 Non patentable :</p> <p>A4 Trade mark related :</p>	1.0	0.25
Objective Question				
112	112	<p>Cinematographic films and sound recordings can be protected under:</p> <p>A1 Design :</p> <p>A2 Trade Dress :</p>	1.0	0.25

		A3 Copyright – (Correct Alternative) : A4 Patent :		
Objective Question				
113	113	_____ is a registered geographical indication in India: A1 Samosa : A2 Burfi : A3 Tirupatiladdu – (Correct Alternative) : A4 GulabJamun :	1.0	0.25
Objective Question				
114	114	In India, how long does copyright last for literary works? A1 10 years after the creation of the work : A2 50 years after the creation of the work : A3 10 years after the death of the person who created that work : A4 60 years after the death of the person who created that work – (Correct Alternative)	1.0	0.25
Objective Question				
115	115	A group of researchers have developed a new technology which is which is an improvement over the technology used in existing mobile phones available in the market. What type of intellectual property can they use to stop others from copying their invention?	1.0	0.25

		A1 : Copyright A2 : Geographical indications A3 Patents – (Correct Alternative) : A4 : Trademarks		
Objective Question				
116	116	WIPO stands for : A1 : World International Protection Office A2 : World Indian Protection Office A3 : World Intellectual Protection Office A4 World Intellectual Property Organisation – (Correct Alternative)	1.0	0.25
Objective Question				
117	117	A patent gives the owner the right to: A1 : Collect a monetary award from the government A2 Prevent others from making, using or selling their invention – (Correct Alternative) A3 : Make the invention A4 : Market the product free of cost	1.0	0.25
Objective Question				

118	118	<p>Which of the following will violate the IP rights of Late ShriAtalBihari Vajpayee, a former Prime Minister.</p> <p>A1 Republishing a picture of him while reciting a poetry : during kaviSamelan</p> <p>A2 Rebroadcasting the speech he gave from Red Fort in : 2000.</p> <p>A3 Reprinting of his autobiography published by : him in 2002. – (Correct Alternative)</p> <p>A4 : None of the above as he has passed away.</p>	1.0	0.25
Objective Question				
119	119	<p>What is the duration of copyright protection of a novel?</p> <p>A1 : A novel will not gain copyright protection</p> <p>A2 : The day the author dies</p> <p>A3 The end of the calender year in which the author : died</p> <p>A4 60 years from the end of the calender year in : which the author died – (Correct Alternative)</p>	1.0	0.25
Objective Question				
120	120	<p>A provisional patent was applied for on 1 Jan 1999. The application was converted into final specification and filed on 1 July 1999. It was published 18 months later on Jan1, 2001 and granted on May 30, 2003. The patent is valid until what date?</p> <p>A1 : May 29,2023</p> <p>A2 : Dec. 31, 2019</p> <p>A3 June 30,2019</p>		

		<p>:</p> <p>A4 Dec. 31,2018 – (Correct Alternative)</p> <p>:</p>	
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