

Pinnacle Talent

Quest Exam

P-TQE 2022

Sample Paper- 7th

SET-A

A. General Instructions

- 1. Attempt ALL the questions. Answers have to be marked on the OMR sheets.
- 2. Time allowed to attempt this paper is 1 hour.
- 3. This question paper contains 3 Sections.
- Section- A (Mental Ability Test) Section- B (Mathematics) Section- C (Science)

5. Rough spaces are provided for rough work inside the question paper. No additional sheets will be provided for rough work.

6. Blank Papers, clip boards, log tables, slide rule, calculator, cellular phones, pagers and electronic devices, in any form, are not allowed.

B. Filling of OMR Sheet

1. Ensure matching of OMR sheet with the Question paper before you start marking your answers on OMR sheet.

2. On the OMR sheet, darken the appropriate bubble with black pen for each character of your Enrolment No. and write your Name, Test Centre and other details at the designated places.

C. Marking Scheme for All Three Sections.

(i) Section-A (01 to 10) contains 10 multiple choice questions of MAT which have only one correct answer. Each question carries +4 marks for correct answer and -1 mark for wrong answer.

(ii) Section-B (11 to 30) contains 20 multiple choice questions of Mathematics which have only one correct answer. Each question carries +4 marks for correct answer and -1 mark for wrong answer.

(iii) Section-C (31 to 60) contains 30 multiple choice questions of Science which have only one correct answer. Each question carries +4 marks for correct answer and -1 mark for wrong answer.

Roll No:

Name:

Batch:

Section – A

PART- I MENTAL ABILITY TEST (MAT)

1.	There are five friends A and little taller than A. I (a) D	A, B, C, D, and E. A is sh f they are standing in the (b) C	orter than B but taller that order of their heights wh (c) A	n E, C is tallest, D is little shorter than B to will be in the middle? (d) B					
2.	A × B means A is the sister of B, A ÷ B means A is the daughter of B, A – B means A is the son of B. On the basis of this information you have to tell, how is P related to S in the relationship $P - Q \times R \div S$								
	(a) Brother	(b) Son	(c) Grandson	(d) Daughter's son					
3.	3. Six roads lead to a country. They may be indicated by letters X, Y, Z and digits 1, 2, 3. When there is is blocked. When there are floods X, 1 and 2 will be affected. When road 1 is blocked, Z also is blocked.								
	time when there are floods and a storm also blows, which road(s) can be used?								
	(a) Z and 2	(b) Only Z	(c) Only 3	(d) Only Y					
4.	. If x means ÷; - means x; ÷ means + and + means - and all other rules in the mathematical operation are the								
	same, then which one	of the following gives the	result of $(3-15+19)\times$	8 + 6 = ?					
	(a) 8	(b) 6	(c) 4	(d) 2					
5.	XAYZ : PSRQ :: JMKL	:?							
c	(a) UVXZ	(b) YZVX	(c) WZYX	(d) WXYZ					
0.	7.42.9. (a) 56	(h) 72	(c) 82	(d) 86					
7.	In each of the following	questions three out of fo	our alternatives contain a	lphabet placed in a particular form. Find the					
	one that does not belor	ng to the group.							
	(a) DBF	(b) HFK	(c) NLP	(d) XVZ					
8.	We have three items, e	each having certain relation	onship among them. The	e same relationship is expressed by sets					
	of circles. Each circle representing one item irrespective of its size. Find the correct representation								
	Female, Medicine,	Physician							
	(a)	(b)							
9 Doctors Engineers Lawyers									
0.			\sim	\sim					
	(a)	(b)	(c)	(d)					
10.	At what time between 2	2 O'clock and 3 O'clock th	ne hands of a clock will n	nake an angle of 160°?					
	(a) 20 minutes past 2	(b) 30 minutes past 2	(c) 40 minutes past 2	(d) 50 minutes past 2					

Space for Rough Work





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Section-C

Science





41. Which one of the following is	41. Which one of the following is a physical change?							
(a) Digestion of food	(b) Boiling of an egg	(c) Making a cup of tea	(d) None of these					
42.Photosynthesis is a	:							
(a) physical change	(b) chemical change	(c) both (a) & (b)	(d) None of these					
43. The process of obtaining pure crystals of copper sulphate from copper sulphate solution is known as								
(a) crystallisation	(b) galvanisation	(c) rusting	(d) None of these					
44.Water fit for drinking is								
(a) saline water	(b) soft water	(c) potable water	(d) None of these					
45. The method of watering the roots of plants directly is								
(a) surface water harvestin	g							
(b) drip irrigation	(b) drip irrigation							
(c) Water table								
(d) None of these								
40. water narvesting is done to								
(a) store water underground (b) store water in fields								
(D) Store water in fields								
(d) None of these								
47 Which one of the following is not a natural fibre?								
(a) Silk	(b) wool	(c) Tervlene	(d) iute					
48. Which of these fabrics will you choose to wear in hot and humid conditions?								
(a) Wool	(b) nylon	(c) Silk	(d) cotton					
49. Which of the following is obtained from the hair of animals?								
(a) Wool	(b) nylon	(c) Cotton	(d) silk					
50.Which type of soil is good for the growth of cotton plant?								
(a) alluvial soil	(b) red soil	(c) black soil	(d) laterite soil					
Space for Rough Work								

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51.	The energy currency of cel	ls:							
	(a) ADP	(b) AMP	(c) A	TP		(d) NADP			
52.	Largest gland of human digestive system:								
	(a) Pancreas	(b) Liver	(c) Si	mall intestine		(d) Large intestine			
53.	3. Which is known as voice box?								
	(a) Pharynx	(b) larynx	(c) gl	ottis		(d) epiglottis			
54.	4. E coli in human intestine synthesis.								
	(a) Vitamin B and D	(b) Vitamin A and K	(c) Vi	tamin B and C		(d) Vitamin B and K			
55.	5. Bacteria commonly live in human intestine:								
	(a) Vibro cholera	(b) E coli	(c) Ba	acillus anthracis		(d) Corynebacterium			
56.	6. Which of the following is a wildlife santury in rajasthan?								
	(a) Ranthambore	(b) Periuar	(c) Ka	aziranga		(d) Badhawgarh			
57.	The first cytologically visible evidence of fact that cell about to divide:								
	(a) Division of centriole								
	(b) Duplication of chromos	some							
	(c) Elongation of chromos	ome							
	(d) Coiling of chromosome	9							
58.	Middle lamella consist of:								
	(a) Liginin	(b) Cellulose	(c) Hemicellu	lose (d) C	Calcium & N	lagnesium pectate			
59.	Dimension of cell expresse	ed in:							
	(a) Centimetre	(b) Angstrom	(c) M	icron		(d) Both b and c			
60.	Cells organelle involved in forming complex sugar from simple sugar.								
	(a) E. R	(b) Ribosomes	(c) Pl	astids		(d) Golgi bodies			

Space for Rough Work_

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