

## Model Paper

**1. What is used for teaching children with hearing disability?**

- (1) Brail
- (2) sign language
- (3) Machine
- (4) All of these

**Ans. 3**

**2. Special schools for backward children are needed when**

- (1) backwardness lies in any handicap
- (2) backwardness is very serious
- (3) number of such children is very high in a particular society
- (4) All of the above

**Ans. 4**

**3. In present, education for disabled children is called?**

- (1) Inclusive education
- (2) Special education
- (3) Summative education
- (4) None of these

**Ans. 1**

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**4. What should be done by a teacher to improve the functional skills of borderline cases?**

- (1) Raise their confidence level
- (2) Give more chance of practice and drill
- (3) Raise their ability to apply knowledge
- (4) All of the above

**Ans. 4**

**05. Gifted students are**

- (1) introvert in nature
- (2) non – assertive of their judgements
- (4) independent of teachers

**Ans. 3**

**06. Which would be the best first theme to start within a nursery class?**

- (1) My family
- (2) My best friend
- (3) My neighbourhood
- (4) My school

**Ans. 1**

**7. The inner circumference of a circular race track 7 m wide is 440 m. Find the radius of the outer circle.**

- (1) 57 m
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(2) 68 m

(3) 77 m

(4) 69 m

**Ans. 3**

**8. If the sides of a triangle are 50 m, 78 m and 112 m, then the perpendicular distance from the opposite angle on the side 112 m is**

(1) 10 m

(2) 30 m

(3) 5 m

(4) 20 m

**Ans. 2**

**9. A cylinder is of the height 8 m and has base radius 8 m. The maximum length of the rod that can be placed in it is**

(1)  $8\sqrt{5}$  m

(2)  $9\sqrt{5}$  m

(3)  $8\sqrt{3}$  m

(4)  $8(2\pi + 1)$  m

**Ans. 1**

**10. Four times the area of the curved surface of a cylinder is equal to 6 times the sum of the areas of its bases. If its height is 12 cm, then its volume (in  $\text{cm}^3$ ) is**

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- (1)  $48\pi$
- (2)  $384\pi$
- (3)  $546\pi$
- (4)  $768\pi$

**Ans. 4**

**11. 42 cubes each of side 1 cm are glued together to form a solid cuboid. If the perimeter of the base of the cuboid is 18 cm, then its height (in cm) is**

- (1) 3
- (2) 4
- (3) 1
- (4) 2

**Ans. 1**

**12. The perimeter of a trapezium is 104 cm, the lengths of its non-parallel sides are 18 cm and 22 cm and its altitude is 16 cm. The area (in  $\text{cm}^2$ ) of the trapezium is**

- (1) 1024
- (2) 640
- (3) 512
- (4) 320

**Ans. 3**

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**13. The base of an isosceles  $\Delta ABC$  is 48 cm and its area is 168 cm<sup>2</sup>. The length of one of its equal sides is**

- (1) 8 cm
- (2) 15 cm
- (3) 17 cm
- (4) 25 cm

**Ans. 4**

**14. Lauryl sulphate acts as**

- (1) antiseptic
- (2) disinfectant
- (3) detergent
- (4) soap

**Ans. 1**

**15. Structurally a biodegradable detergent should contain a**

- (1) normal alkyl chain
- (2) branched alkyl chain
- (3) phenyl side chain
- (4) cyclohexyl side chain

**Ans. 1**

**16. Turmeric stain on white shirt is turned to red when it is washed with soap, because the soap solution is**

- (1) basic
- (2) acidic
- (3) neutral
- (4) 1 and 2

**Ans. 1**

**17. The gas is produced with an effervescence and when his gas is allowed to pass through lime water, it becomes cloudy , it is**

- (1) CO<sub>2</sub>
- (2) O<sub>2</sub>
- (3) H<sub>2</sub>
- (4) N<sub>2</sub>

**Ans. 1**

**18. The material which degraded by natural processes is called**

- (1) Non-biodegradable
- (2) biodegradable
- (3) thermosetting
- (4) thermoplastics

**Ans. 2**

**19. When CO<sub>2</sub> is bubbled into lime water, a white clod appears, what is the name of the white precipitate, which appears as a cloud in the beginning.**

(1)  $\text{CaCO}_3$

(2)  $\text{Mg(OH)}_2$

(3)  $\text{CO}_2$

(4)  $\text{CaCl}_2$

**Ans. 1**

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