

# VITBEE-2022

## SYLLABUS

- ✓ Section I – Aptitude Test (30%)
- ✓ Section II – Logical Reasoning (30%)
- ✓ Section III – Comprehensive Test (20%)
- ✓ Section IV – Common English (20%)

**Max. Marks: 100** (Each question carries 1 mark)

**Exam Pattern: MCQ**

**Time: 120 Minutes**

**No negative marking**

## SAMPLE QUESTIONS

### Aptitude Test:

1. The ratio of the number of boys to the number of girls in a school of 720 students is 5:3. If 20 new girls are admitted in the school, find how many new boys may be admitted so that the ratio of the number of boys to the number of girls may change to 3:1?  
(a) 42 (b) 24 (c) 420 (d) 240
2. Find the third proportion of 1.2 kg, 4.8 kg.  
(a) 1.92 kg (b) 19.2 Kg (c) 192 Kg (d) 4 kg
3. Rs.5, 000 is invested in a Term Deposit Scheme that fetches interest 5% per annum compounded quarterly. What will be the interest after one year?  
(a) 2.57 (b) 25.73 (c) 254.73 (d) 2547.3
4. A company wishes to simultaneously promote two of its 8 department heads to assistant managers. In how many ways these promotions can take place?  
(a) 24 (b) 28 (c) 32 (d) 36

### Logical Reasoning:

5. Find the wrong term of the series 7, 26, 63, 126  
(a) 7 (b) 26 (c) 63 (d) 126
6. If CAT is coded as BZS, then how FRIEND is coded?  
(a) EQGDMC (b) DPFCLB (c) GRHEND (d) DNEIRF
7. A Salesman started walking 3 km straight from his office. Then he turned right and walked 2 km. Again he turned right and walked 2 km to reach his customer's place. If his customer's place is south-east from his company, then in which direction did the salesmen start walking from the company?  
(a) East (b) West (C) North (D) South

## **Comprehensive Test:**

**Read the following passage carefully and answer the questions given below it.**

A couple of months ago I was asked what I thought the future of technology in education was. It is a really thought-provoking question Technology changes a fast pace and making it available to pupils, Educators and other stakeholders is an ongoing challenge.

So what is the future? Is it the device?

Any device and other mobile technology are the 'now'. Although, they will play a part in the future, some decades ago the mobile didn't even exist. We don't know what will be the current technology in other four years. Perhaps it will be wearable devices such as Google glass, although I suspect that applications will still be used in education. The future is about availability, anywhere learning and collaboration, both locally and globally. Teaching and learning is going to be social. Business Schools of the future could have a traditional cohort of students, as well as online only students who live across the country or even the world. Things are already starting to move this way with the emergence of massive open online courses (moocs). For me, the future of technology in education is the cloud. Technology can often be a barrier for both teachers and learners. I think the cloud will go a long way to removing this barrier. B Schools, will only need one major thing to be prepared for the future. They will not need software installed, servers or local file storage. Schools will need a fast robust internet connection. Infrastructure is paramount to the future of technology in education.

8. What do you think should be the most appropriate title of the given passage?
- (a) Hypothetical approach to B School Education
  - (b) Technology barrier to B School Education
  - (c) Future Technology in B School Education
  - (d) Devices for B School Education
9. Which of the following statements is NOT CORRECT as per the context of the given article?
- (a) According to the writer of this article, future of technology in education is cloud.
  - (b) The writer sees various devices as the only future in education.
  - (c) Schools will need a fast robust internet connection for getting advantage of technology.
  - (d) The writer opines that device and other mobile technology are the 'now' and play a part in the future.
10. Choose the word which is **most similar** in meaning to the word: Robust
- (a) Sturdy (b) roguish (c) roasting (d) rusting

### **Answers:**

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|------|------|------|------|-------|
| 1. c | 2. b | 3. c | 4. b | 5. d  |
| 6. a | 7. a | 8. c | 9. b | 10. a |

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