

(6 pages)

**Reg. No. :** .....

**Code No. : 12575**

**Sub. Code : APPS 21**

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2021.

Second Semester

Add on Major

**PROFESSION ENGLISH FOR PHYSICAL  
SCIENCES — II**

(For those who joined in July 2020 onwards)

Time : Three hours

Maximum : 75 marks

**PART A — (10 × 1 = 10 marks)**

Answer ALL questions.

Choose the correct answer.

1. The word Grenade refers to
  - (a) Bomb
  - (b) Object
  - (c) Glass
  - (d) Unit
2. The device used for measuring time of a day is
  - (a) Solenoid
  - (b) Toroid
  - (c) Sundial
  - (d) Screen

3. The general formula for list of numbers 1 through  $n$  is
- (a)  $n$  (b)  $(n+1)$   
(c)  $n(n+1)$  (d)  $\frac{n(n+1)}{2}$
4. Gyrometer is used for measuring
- (a) Orientation (b) Velocity  
(c) Speed (d) None
5. IST stands for
- (a) Indian Society Technology  
(b) Indoor Stadium Tournament  
(c) Information Society Technology  
(d) None
6. A detection system using Radio wave is
- (a) Sonar (b) Radar  
(c) Signal (d) Spectrum
7. A virtual assistant used in Microsoft devices is
- (a) Cortana (b) Alexa  
(c) Hub (d) None

8. \_\_\_\_\_ help to spread positive attitude towards a business.
- (a) PPT (b) Circular  
(c) Flyers (d) None
9. Poster designs can be improved using
- (a) Images (b) Texts  
(c) Icons (d) Dots
10. PPT stands for
- (a) Template (b) Power point  
(c) Photoshop (d) None

PART B — ( $5 \times 5 = 25$  marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Comment on “Mathematics in daily life”.
- Or
- (b) Give your views on relativity.
12. (a) Robots are safe to live with. — Justify your answer.
- Or
- (b) Express your opinion on Human Intelligence and Artificial Intelligence.

13. (a) Unscramble and define :

- (i) retmaroeleccA
- (ii) ataD
- (iii) mehcyiStr
- (iv) eilbom
- (v) Sopert

Or

(b) Discuss fibanocci series and its association with nature.

14. (a) Form useful sentences with the following phrases :

- (i) in accordance with
- (ii) to start with
- (iii) effective
- (iv) find it difficult
- (v) creative.

Or

(b) Write about Acids and Bases.

15. (a) Prepare a sample minutes of meeting of any event.

Or

(b) Discuss the usage of headphones.

PART C— ( $5 \times 8 = 40$  marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Explain the application of Internet in everyday life.

Or

- (b) Discuss various compounds you come across in daily life.

17. (a) List out some of the persuasive techniques in communication.

Or

- (b) Write an essay on the use of AI in health and education in your own words.

18. (a) Imagine you are conducting an Interview with a World Renowned Scientist. Demonstrate the interview in Pairs.

Or

- (b) Explain the role of ICT in teaching-learning process.

19. (a) Prepare a poster on any scientific experiments you are familiar with.

Or

- (b) You are organizing a seminar on Analytical Engine, prepare a brochure for that.

20. (a) Imagine you are a Bank Manager, you wish to send a circular to your staff regarding internet security, prepare the circular by adding your views.

Or

- (b) Explain in detail about headphones.

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