

CODE: 24009

REG.NO: -----

SUBJECT CODE: APPS11

B.Sc., (CBCS) DEGREE EXAMINATION NOVEMBER 2020
FIRST SEMESTER

Add on Major

Professional English for Physical Sciences - I

(For those who joined in July 2020 onwards)

TIME: Three hours

MAXIMUM: 75 Marks

Part - A (10X1=10 MARKS)

Answer all Questions. Choose the correct answer.

1. The term 'Optics' is ____
a. Operating aircraft b. a thought process c. behaviour and property of light d. concerned with properties of sound
2. Among the following ____ is a type of reading to understand the text
a. Scanning b. Aerobics c. Mind mapping d. Creative writing
3. The plural of the word 'millennium' is
a. millenniums b. milleniae c. millennia d. millennium
4. A ____ is an ancient device that is used for arithmetic calculations
a. Acoustics b. Burette c. Accelerator d. Abacus
5. Locate a related word to the term - Instruments
a. Telescope b. Discovery c. Dynamic d. Molecule
6. The attribution of human traits and emotions to non-human entities is called ____
a. Anthropomorphism b. Quanta c. Radiation therapy d. Planck's constant
7. A proposed explanation for a phenomenon is known as ____
a. Obscuration b. inflatable c. Hypothesis d. Introduction
8. ____ is the action of coming to live permanently in a foreign country.
a. Immigration b. Astronaut c. Exodus d. deployment
9. ____ is an important study skill
a. Note making b. presentation c. writing letters d. creative writing
10. Expand PPT
a. Power Point Presentation b. Power Point Tabulation
c. Presentation in Power Point d. Power Point Transmission

PART B (5 x 5 = 25 marks)

Answer All Questions, Choosing either (a) OR (b). Each answer should not exceed 250 words.

11. (a) Form sentences using the following expressions

- (i) I would say that ____
- (ii) I believe ____
- (iii) In my opinion ____
- (iv) I have a feeling that ____
- (v) From my point of view ____

Continuation Sheet

OR

(b) Rearrange the given words in the proper order

- (i) had/benefits/compound/significant/the
- (ii) George Boole / by / introduced / was / Boolean Algebra
- (iii) additional/malaria/types/certain/of/requires/medication
- (iv) moisture insulator / Vaseline / used / be / lubricant / a/ and / can / as
- (v) bark/took/it/centuries/two/the/isolated/ for/from/ to be/Quinine

12 (a). Imagine that you are a team leader in a multinational company. Explain to your team mates, the importance of a recent project and the need to complete it within a month. Clear the doubts of your team members

OR

(b) What is a definition and what are the steps in writing a definition. Explain with examples

13. (a) Give Antonyms of the following words

- (i) displeasure (ii) imaginative (iii) construct (iv) Narrow (v) Complete

OR

(b) Unscramble the following words

- (i) Emurcyr (ii) Neodiutac (iii) Stenyinti (iv) Ecuryfqn (v) Vceaonc

14 (a) Make a short presentation on the Missile Projects of India

OR

(b) Prepare a short talk on the advantages of nuclear energy

15 (a) How will you create a Power Point Presentation?

OR

(b) What do you think is the impact of the mobile phones in the lives of students?

PART C (5 x 8 = 40 marks)

Answer All Questions, Choosing either (a) OR (b). Each answer should not exceed 600 words.

16 (a) Use your imagination and develop a story about an invention that would be highly beneficial for the human history.

OR

(b) Explain the following terms:

- (i) Tissue dehydration (ii) Algebra (iii) Paranoia (iv) Retinopathy (v) Speculative
- (vi) Toxicity (vii) forecast (viii) framework

17 (a) Narrate the process of evaporation. Use a flow chart to explain it to your friends

Continuation Sheet

OR

(b) You are given the task of explain the movement of planets to your class mates. Narrate the process and use a flow chart to explain.

18 (a) Frame sentences using the following words:

- | | | | |
|------------------|-----------------|------------------|----------------------|
| (i) Discovery | (ii) Phenomenon | (iii) Refraction | (iv) Concave surface |
| (v) Interference | (vi) Laser Beam | (vii) Electron | (viii) substitute |

OR

(b) What do you think is the difference between Artificial Intelligence and the Human Intelligence? Do you agree that future belongs to the robots with human thinking skills? Give your observations on the same.

19 (a) Make a detailed presentation on the application of Physics in your daily life.

OR

(b) Create a detailed presentation on any one of the inventions that changed the destiny of the human race.

20 (a) Critically reflect your ideas on the following topic:

The Advantages and disadvantages of the 5G Network Technology

OR

(b) Create a Power Point Presentation on Marie Curie and her contribution to Nuclear Physics