

(6 pages)

Reg. No. : .....

Code No. : 10349

Sub. Code : APLS 11/  
CPLS 11

U.G. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2023.

First Semester

Add on Major

PROFESSIONAL ENGLISH  
FOR LIFE SCIENCES — I

(For those who joined in July 2020-2022)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. What do you mean by "Informal conversation"?
- (a) Speaking with friends, relatives, elders and persons whom we know  
(b) Speaking with a known person  
(c) Speaking with an unknown person  
(d) None of the above

2. Who said this statement "Book is a fundamental source of reading"?
- (a) Sir Francis Bacon (b) Linnaeus  
(c) Bentham (d) Crick
3. Plastids are present in \_\_\_\_\_ cell.
- (a) Human cell (b) Bacterial cell  
(c) Plant cell (d) Animal cell
4. What is the distinguishing feature of melanin?
- (a) Create offspring  
(b) Foot to eat  
(c) Protect skin from damage  
(d) Conduct experiments
5. Who invented "The creslograph"?
- (a) Watson (b) J.C. Bose  
(c) Fritsch (d) Alexopoulos
6. Which one of the following is a macronutrient?
- (a) Nitrogen (b) Boron  
(c) Manganese (d) Zinc
7. Inflammation of the tongue is known as
- (a) Anaemia (b) Koilonychia  
(c) Glottis (d) None of these

Page 2 Code No. : 10349

8. The synonym of close is
- (a) Shut (b) Open  
(c) Both (a) and (b) (d) None of these
9. Pepsin produced in \_\_\_\_\_
- (a) Pancreas (b) Stomach  
(c) Mouth (d) Liver
10. The ability of an organism to resist a particular infection by the action of specific antibodies is called as
- (a) Antigen (b) Immunity  
(c) Pathogen (d) None of these

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).  
Each answer should not exceed 250 words.

11. (a) Match the following words with their meaning.
- (i) Sanitation A unit of liquid  
(ii) Hydrosphere The process of keeping places clean and healthy  
(iii) Resource A source of supply, support or aid  
(iv) Gallon All the waters on the earth's surface

Or

- (b) Write notes on imperatives.

12. (a) Write a single sentence definition for anatomy and Prey.
- Or
- (b) List out the differences between plant cell and animal cell.
13. (a) Write short notes on genetically modified seeds.
- Or
- (b) List the macronutrients and micronutrients.
14. (a) Syllabify the following words.
- (i) Iron  
(ii) Clinical  
(iii) Treatment  
(iv) Phagocytose.

Or

- (b) Match column A with column B.
- | Column A       | Column B   |
|----------------|--|
| (i) Diagnosis  | The death of large numbers   |
| (ii) Mortality | The act of identifying a disease from its signs and symptoms                 |
| (iii) Antibody | Having a high degree of resistance to a disease                              |
| (iv) Immune    | A blood protein produced in response to and counteracting a specific antigen |

Page 4 Code No. : 10349

[P.T.O.]

Page 3 Code No. : 10349

15. (a) What is immunity? Add a note on its types.

Or

(b) Discuss the mechanism of enzyme action.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Write eight instructions to conserve water.

Or

(b) Write an essay on the four stages of butterfly's life cycle.

17. (a) Give a detailed account on ultrasound scanning machine.

Or

(b) Write an essay on centrifuge.

18. (a) Give a brief account on mind mapping.

Or

(b) Write an essay on conservation of nature.

Page 5 Code No. : 10349

19. (a) Write an essay on connectives and linkers.

Or

(b) Write notes on ;

(i) Bar chart

(ii) Pie chart.

20. (a) What is note making? Add a note on 5 R's of note making.

Or

(b) Write an essay on water cycle.

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Page 6 Code No. : 10349

