

S.No. 14817 D

20PELPS1

(For candidates admitted from 2020-2021 onwards)

U.G. DEGREE EXAMINATION, NOVEMBER 2020.

Part III – Professional English

PROFESSIONAL ENGLISH FOR PHYSICAL SCIENCES - I

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20)

Answer ALL questions.

1) Complete the following

- a) I think-----
- b) In my opinion -----

2) Rearrange the words in the proper order:

- a) HCQ/ prevent/ treat/ and/ medication/ to/ used/ a/ is/ Malaria
- b) include/effects/common/adverse/other/itching/headache/and

3) Fill up using prepositions:

- a) There is a fan ----- my head.
- b) Let's share these apples----- us.

4) What is the joy of role –playing?

5) Unscramble the following words

- a) ogpyhtraohp b) eturspcm

6) Frame sentences using the following words:

- a) voyage b) demonstrate

7) Choose the correct answer:

- a) astronaut----- (person trained to travel in space/ a person trained to travel in sea)
- b) ultimate---- (being the best/ being the worst) 8)g

8) Write a few sentences about a thing you like the most.

9) Give the synonym for the following words:

a) picture b) sufficient

10) Fill in the missing letters:

a) v—c—m b) s—t—llite

SECTION – B (5X5=25Marks)

Answer ALL questions, choosing either ‘a’ or ‘b’

11. a) Classify the following terms as devices/concepts/ process

Raman effect, scattering, crystal structure, Acoustics, optics of colloids, prism, Diffraction

OR

b) Match the following

a) Harmi)	i) concerned with human welfare
b) Vitalii)	ii) a person who pursues a hobby
c) Relief	iii) injury
d) Humanitarian	iv) absolutely necessary
e) Hobbyists	v) injury

12.a) What are the steps to write a definition?

OR

b) Write few sentences listing out the purpose of “Candles”.

13.a) Frame wh questions to the following statements:

i)	I came yesterday
ii)	Soap bubbles lasts for a few seconds.
iii)	This book belongs to Ram.
iv)	I am fine.
v)	I am leaving next week

OR

b) Write a paragraph on Robots.

14. a) Write a paragraph about a natural disaster,

OR

b) Flavours % of students

Vanilla 25

Strawberry 15

Chocolate 10

Pista 30

Any flavor 20

Write a paragraph based on the data given above.

15.a) **Choose the correct word**

(Navigation, GPS, Solar Physicist, Data, Video games)

i) Specializing in the study of Sun.

ii) An electronic game,

iii) Information stored in a computer

iv) The process of planning and following a route.

v) Global Positioning System

OR

b) Match the following

i) Cosmos

a) unvarying condition

ii) Helium

b) universe

iii) Multiverse

c) extremely small element

iv) Atoms nuclei

d) multiple universe

v) Steady state

e) mono atomic gas

SECTION – C (3X10=30Marks)

Answer any THREE questions

16) Write an essay on the person whom you admire the most.

17) You had a group discussion about Science and technology. Draft the ideas given by the group members.

18) Read the passage and answer the questions:

Isaac Asimov is a remarkable American figure in science fiction. He is a writer and Biochemist. He is a prolific writer of science fiction and science books. He has edited or wrote more than 500 volumes. He is known for his Foundation and Robot Series. He became popular with his short story Nightfall. This short story brought him to the fore front among the science fiction writers and is considered as one of the best short stories of this genre. He developed a set of ethics for robots and rejected the idea that robots are marauding metal monsters, which changed the way the subject was treated by other writers. Using the pseudonym Paul French, he wrote science stories for children in the series Lucky Starr .

- 1) Who is Isaac Asimov?
- 2) Name the work that made him popular.
- 3) What is the pseudonym of Isaac Asimov?
- 4) Name the series written exclusively for children?
- 5) Comment on the opinion of Robots as stated by Isaac Asimov.

19) Answer the questions using the data given:

State	Child labourers in lakhs
Karnataka	2.49
Assam	0.99
Rajasthan	2.52
Tamil Nadu	1.51
Uttar Pradesh	8.96
Andhra Pradesh	4.04

- 1) Which state has the largest number of children working?
- 2) How many children in Tamil Nadu are child labourers.
- 3) Name the state that has less than 1 lakh children working.
- 4) Name the state that has the highest number of child labourers.
- 5) Mention the states that has more than 2 lakh child labourers.

20) Write an essay on the advantages and disadvantages of mobile phone.
