

(ii) It is known that cold is caused by one of a number of viral infections that affect the lining of the nose and other passages leading to the lungs, but the confusing variety of viruses makes its study and remedy very difficult. It was shown in 1960 that many typical colds in adults are caused by one or the other of a family of viruses known as rhinoviruses, yet there still remain many colds for which no virus has been isolated !

(iii) There is also the difficulty that because they are so much smaller than the bacteria which cause many other infections, viruses cannot be seen with ordinary microscopes. Nor can they be cultivated easily in the bacteriologist's laboratory, since they only grow within the living cells of animals or plants. An important recent step forward, however, is the development of the technique of tissue culture, in which bits of animal tissue are enabled to go on living and to multiply independently of the body.

(iv) The fact that we can catch cold repeatedly creates another difficulty. Usually, a virus strikes only once and leaves the victim immune further attacks. Still we do not gain immunity from colds. Why ? It may possibly be due to the fact that while other viruses get into the bloodstream where antibodies can oppose them, the viruses causing cold attack cells only on the surface. 5

(d) Your friend has got through the Matriculation Examination this month. Write an E-mail to her, congratulating her on the success in examination. Base your E-mail on the following verbal input :

- Got high first division
- Inform your future
- Hard work borne fruit.

**OR**

Write an E-mail to your friend, inviting him to the inter-zonal youth festival, discussing Punjabi folk culture. 5

Roll No. ....

Total No. of Pages : 4

**PC 11614-NH**

**BS/2111**

**ENGLISH—BFT-304**

**Semester—III**

Time Allowed : 3 Hours]

[Maximum Marks : 75

**SECTION—A (Perspectives)**

1. Answer any *one* question out of *two* in **350-400** words :

(a) Sum up the theme contained in the essay '*Science and Sensibility*'.

**OR**

Write a detailed note on Robert Lynd's essay '*On Not Being a Philosopher*'. 10

(b) Answer any *five* questions out of the following in **30-40** words each :

(i) What are the similarities between Dryden and Newton ?

(ii) Does Haldane believe in the idea 'living according to nature' ? How does he support his own views ?

(iii) Can science determine what is right and wrong ?

(iv) How does India hold the balance ?

(v) What does faith do ?

(vi) How did the author look in uniform ? (University Days)

(vii) What does the author expect from the philosophers ?

5×2=10

2. Answer any **one** question out of **two** in **350-400** words :

(a) Draw a character-sketch of Dr. Hoskins. (The Ugly Little Boy)

**OR**

Describe the Captain's mission in the story, "*The Golden Apples of the Sun*". 10

(b) Answer any **two** questions out of the following in **30-40** words each :

(i) What was Stasis ?

(ii) Why could Laura not tell Laurie about the accident ?

(iii) What was the captain reminded of ? 2×2.5=5

3. Answer any **one** question out of **two** in **350-400** words :

(a) What do you know about life and achievements of Birbal Sahni on the basis of your study of '*The Living World*' ?

**OR**

Write a detailed note on life and achievements of P.C. Ray. 10

(b) Answer any **two** questions out of the following in **30-40** words each :

(i) Explain the role played by Shanti Swarup Bhatnagar.

(ii) Who was Amiruddin ?

(iii) Who have been called 'The Blazers of a New Trail' ? 2×2.5=5

### **SECTION—B (Composition & Writing Skills)**

4. (a) Write a letter to your friend describing some interesting details of your sister's marriage.

**OR**

You are *Suhana*, living at 202, Model Town, Amritsar. You are very upset over the indiscriminate felling of trees. Write a letter to the Editor of '*The Greater Amritsar*' in about 150 words on the need to create awareness among people about the consequences of the ruthless cutting of the trees. 10

(b) Use any **five** words out of the following in sentences of your own :

(i) Allocate

(ii) Adverse

(iii) Radius

(iv) Transmit

(v) Prey

(vi) Validity

(vii) Bulk

(viii) Secrete. 5×1=5

(c) Give a summary of the following passage in one-third of the total number of words in the passage :

(i) Despite all the research, everyone of us catches cold and most of us catch it frequently, our failure to control one of the commonest of all ailments sometimes seems ridiculous. Medical science regularly practises transplant surgery and has rid whole countries of such killing diseases as Typhus and the Plague. But the problem of common cold is unusually difficult and much has yet to be done to solve it.