

**C.B.C.S.S. DEGREE EXAMINATION, MARCH 2014****Fourth Semester**

Common Course : English

**EVOLUTION OF THE PHILOSOPHY OF SCIENCE : LITERARY PERSPECTIVES**

(For Model I B.A./B.Sc., Model II B.A./B.Sc./B.Com. and Model III  
B.A. English Literature and Communication Studies)

Time : Three Hours

Maximum Weight : 25

**Part A***Answer all questions.**Each bunch of four questions carries a weight of 1.*

Choose the correct answer from the following :

- I. 1. Edwin Hubble's landmark observation of 1929 suggested that the universe was :  
(a) Unchanging. (b) Expanding.  
(c) Contracting. (d) None of these.
2. A Scientific discovery must have :  
(a) An experimental basis. (b) A theoretical basis.  
(c) Both (a) and (b). (d) Neither (a) nor (b).
3. Who described science as "making nasty smells in the laboratory" ?  
(a) George Orwell. (b) Charles Kingsley.  
(c) Professor Brady. (d) Huxley.
4. In which society was the father asked to take medicines in order to cure his sick child ?  
(a) Iroquois. (b) Polynesians.  
(c) Bororos. (d) Melanesians.
- II. 5. What gave human beings a special advantage over their animal rivals ?  
(a) Eating Vegetarian food. (b) Eating non-vegetarian food.  
(c) Drinking milk. (d) Eating a wide variety of foodstuffs.
6. Science is given everlasting credit for :  
(a) Creating elementary Mathematics.  
(b) Enhancing the facilities of life.  
(c) Formulating natural laws.  
(d) Enabling the human mind to overcome insecurity before himself and nature.

**Turn over**

7. The greatest teachers are the ones who :

- (a) Look at the world as a creative process.
- (b) Are nature's poets.
- (c) Understand the feelings of their students.
- (d) Understand that the classroom is a community.

8. The task confronting every serious writer is :

- (a) An unusual combination of purified words.
- (b) Communication of private experiences in average everyday speech.
- (c) The use of a rough and ready vocabulary.
- (d) The right use of words and phrases.

III. 9. What is the purpose of Panacea's visit to Whiting's Office ?

- (a) To find out about her Scholarship.
- (b) To ask why her internet account has been terminated.
- (c) To seek permission for a new internet account.
- (d) To know more about copyright laws.

10. Moxon's antagonist in the game of chess was :

- (a) Dumb man.
- (b) A chess player from another country.
- (c) An automaton.
- (d) A woman.

11. The grass transforms the earth into :

- (a) Dreams.
- (b) Tattoos.
- (c) Golden paddy fields.
- (d) A revolving emerald in space.

12. Dutta's wife believed that the collision of the comet and the planet earth was averted by :

- (a) Project Light Brigade.
- (b) The ritual at her house.
- (c) The efforts of Dutta.
- (d) None of these.

IV. 13. In the poem "The Microbe" when the poet says that we should never doubt what nobody is sure about, he is :

- (a) Reposing his faith in the Scientists.
- (b) Making fun of the scientists.
- (c) Questioning the wisdom of the common man.
- (d) Assuring the readers that only poets tell the truth.



14. What does Muldoon mean by the expression "molecules dance" ?  
 (a) The happiness of the woman. (b) The deceptive nature of the beloved.  
 (c) A kind of popular dance. (d) The rapid movement of the molecules.
15. Jeffers calls man "introverted" because :  
 (a) Man is worried about future.  
 (b) Man thinks only of himself.  
 (c) Man is not able to move about freely.  
 (d) He is more concerned about others.
16. In updike's poem, the neutrinos come down on us like :  
 (a) Dust-maids. (b) Photons.  
 (c) Sounding brass. (d) Painless guillotines.

(4 × 1 = 4)

**Part B**

*Answer any five of the following each in a sentence or two.  
 Each question carries a weight of 1.*

17. According to Orwell, why is there so much resistance to the idea that science means a way of looking at the world ?
18. How did the anarchist enter the laboratory of the bacteriologist in "The Stolen Bacillus" ?
19. How do the animals react when they see the other Bill ?
20. How do the "grass" make our lives worth living in "Hiroshima Remembered" ?
21. Trace two instances of parody in the poem "Your Attention Please".
22. What did the narrator decide to remain in Moxon's house after watching him play chess ?
23. What are Sagan's observations on radio communication ?
24. Why did Dutta wish that he had not discovered the comet ?

(5 × 1 = 5)

**Part C**

*Answer any four of the following each in about 100 words.  
 Each question carries a weight of 2.*

25. How does a man of Science relate to nature, according to Prof. C.V. Raman ?
26. What, according to Ruckert, is the major difference between biological community and human community with regard to the use and transfer of energy ?

Turn over

27. How does Whiting refute Panacea's position that knowledge is power ?
28. How did death swoop down on the people of Chernobyl ?
29. How did the primitive doctors approach diseases ?
30. How does Jeffers describe man's plight in "Science" ?

(4 × 2 = 8)

#### Part D

*Answer any two of the following in about 300 words.*

*Each question carries a weight of 4.*

31. How does Huxley compare and contrast the tastes and tasks of a man of Science and a man of letters ?
32. The story "The Comet" reflects two different facets of contemporary Human Society. Discuss.
33. Discuss how far Updike has succeeded in popularizing one of the most fascinating Scientific discoveries through his poem "Cosmic Gall" ?

(2 × 4 = 8)