E 6561 (Pages : 2) Reg. No.....

Name.....

B.A./B.Sc./B.Com. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2019

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 [Two Main] Programmes)

{2013—2016 Admissions}

Time : Three Hours Maximum Marks : 80

Part A

Answer **all** *the questions, each in a sentence* **or** *two.*
Each question carries 1 *mark.*

1. What did Herbert Spencer opine about science ?
2. What comment did Charles Kingsley make about science ?
3. What is the principal function of the older generation of scientific men ?
4. When is a theory good theory ?
5. Explain the Crab Nebula.
6. What does literature deal with according to Huxley ?
7. What was the lesson that the magnet lived to learn ?
8. What is the situation in which the announcement is made in 'Your Attention Please'.
9. Who was Bernice Whiting ?
10. Give a brief description of the size of EPICAC ?

(10 × 1 = 10)

Part B

Answer in about 50 *words any* **eight** *of the following.*
Each question carries 2 *marks.*

11. What, according to Duttada, did the Upanishads and modern science have in common ?
12. What instructions of safety are given by the announcer ?
13. How did death swoop down on the people of Chernobyl ?
14. What are the arguments that Whiting use to refute Panacea's position that knowledge is power ?
15. How does Orwell bring a significant relationship between science and nationalism ?

Turn over

16. What, according to Einstein, are the intellectual effects proceed from science ?
17. How does the narrator describe the game of chess between Moxon and his antagonist ?
18. How did the bacteriologist react when the anarchist told him that he had drunk the contents of the tube ?
19. How do the animals react when they see the Other Bill ?
20. What made Sir John McPherson ask Dr. James Forsythe not to publish the article on celestial mechanics ?
21. What is the approach of the scientists in providing a single theory that describes the universe ?
22. Bring out the anti-science elements in the poem 'Science'.

(8 × 2 = 16)

Part C

Answer any **six** *of the following questions, in about* 100 *words each. Each question carries* 4 *marks.*

23. How, according to C. V. Raman, does a man of science relate to nature ?
24. What makes Hawking say that new theories are extensions of old theories ?
25. How does the lover hope to see the molecular make up of lies and deceitsin his beloved ?
26. What is the poet's exhortation to the brave peasants ?
27. How far is it justifiable to call the play a 'Cyberscripture'.
28. Why did Mr. Dutta refuse to take part in the rituals at his house ?
29. Write a character sketch of the anarchist ?
30. What was the reaction of Moxon's antagonist after it was defeated by Moxon ?
31. Comment on the statement that green plants are nature's poets.

(6 × 4 = 24)

Part D

Answer any **two**, *in essay form, not exceeding* 300 *words. Each question carries* 15 *marks.*

32. Narrate in your own words the story of 'The Stolen Bacillus', bringing out the humour and irony.
33. How does Huxley compare and contrast the tastes and tasks of a man of science and a man of letters ?
34. Write a critical appreciation of the poem 'The Magnet and the Churn'.
35. Write an essay C. V. Raman's views on science and scientific discoveries.

(2 × 15 = 30)