



M 3411

Reg. No. :

Name :



IV Semester B.A./B.Sc./B.Com./B.B.A./B.B.A.T.T.M./B.B.M./B.C.A./B.S.W./
B.A. Afsal-UI-Ulama Degree (CCSS – Reg./Supple./Improv.)

Examination, May 2013

COMMON COURSE IN ENGLISH

4A06 ENG : History and Philosophy of Science (For B.A./B.Sc.)

Time: 3 Hours

Max. Weightage: 30

I. Answer **one** of the following in about **200** words.

- 1) Explain what scientific method is and how this concept is formed.
- 2) Give a brief account of the inventions of Archimedes.

(1×4=4)

II. Answer **one** of the following in about **200** words.

- 3) Give an account of the prominent Indian Mathematicians and their contributions, according to Nehru.
- 4) Write on the life, hardships and death of the first woman doctor in India.

(1×4=4)

III. Answer **any six** of the following in **80** words.

- 5) How does Sagan explain the great climatic changes ?
- 6) How did mathematics originate ?
- 7) Postdoctoral work of Renee M Borges.
- 8) Indian numerals and zero.
- 9) What are the stylistic features of the poem "Benzene" ?
- 10) Ludovico.
- 11) The farmer and his passion for star-watching.
- 12) Anandi's education in America.

(6×2=12)

IV. Answer the **four** following bunches of questions.

13) A) Eureka means

- a) I know it
- c) I lost it

- b) I have found it
- d) None of these

B) Arabic word for a number is

- a) Hind
- c) Dantzig

- b) Hindsah
- d) Severus Sebokht

P.T.O.



- C) The first problem Anandi faced in America was that of
- a) Language
 - b) Food
 - c) Dress
 - d) Stay
- D) Who was the king served by Archimedes ?
- a) Hieron
 - b) Marcellus
 - c) Heron
 - d) Syracuse
- 14) A) Thinking like a scientist requires _____
- a) Incredibly precise logic
 - b) Highly sophisticated logic
 - c) Other worldly logic
 - d) None of these
- B) Observation is
- a) Seeing and hearing a problem
 - b) Feeling and tasting a pattern
 - c) Both a and b
 - d) None of these
- C) Thoreu advocated
- a) Industrialization
 - b) Urban life
 - c) Technology
 - d) Life in nature
- D) Who was Ludovico ?
- a) A rich young man
 - b) Student of Galileo
 - c) Inventor
 - d) None of these
- 15) A) What were thundering across the earth ?
- a) Shrews
 - b) Moles
 - c) Dinosaur
 - d) Human beings
- B) Who wrote the book Coma ?
- a) John Grisham
 - b) Sidney Sheldon
 - c) Robin Cook
 - d) Nicholas Sparks
- C) 'Mavashi' means
- a) Elder Sister
 - b) Aunt
 - c) Younger Sister
 - d) Brother-in-law
- D) Which flower attracted more bees ?
- a) Kadamba
 - b) Kutaja
 - c) Jasmine
 - d) Plantain flower
- 16) A) The poem "Benzene" is a parody of
- a) "The Lamb"
 - b) "The Daffodils"
 - c) "The Tiger"
 - d) "The Solitary Reaper"
- B) What is Orion ?
- a) A star
 - b) A constellation
 - c) A satellite
 - d) None of these



- C) What is called a star-splitter ?
- a) The telescope
 - b) The house
 - c) Orion
 - d) Quicksilver
- D) Who would not exchange two sheep for four sticks at a time ?
- a) Damara natives
 - b) Guaranis
 - c) Tansanians
 - d) Tasmanians

(4x1=4)

V. Answer **any six** of the following short questions.

- 17) What is magic-mongering ?
- 18) What was the purpose of human life, according to Brad ?
- 19) Why did the number 'thirteen' remain disreputable and unlucky ?
- 20) How did Archimedes die ?
- 21) What is smog ?
- 22) Who is Galileo's friend in Brecht's drama ?
- 23) Who was Salim Ali ?
- 24) What disease did Anandi suffer from ?

(6x1=6)
