



M 656

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 Ul Ulama Degree (CCSS – Reg./Supple./Improv.)
Examination, April 2012
COMMON COURSE IN ENGLISH (For B.A./B.Sc.)
4A06 ENG : History and Philosophy of Science

Time: 3 Hours

Max. Weightage : 30

- I. Answer **one** of the following in about **200** words :
- 1) Give a brief account of the inventions of Archimedes.
 - 2) What are Will Durant's observations on the origin of science ? **(1×4=4)**
- II. Answer **one** of the following in about **200** words :
- 3) How do you look at the autobiographical account of Renee as a woman in science ?
 - 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) The extinction of dinosaurs and the evolution of human beings.
 - 6) The duo decimal system.
 - 7) Salim Ali.
 - 8) Indian numerals and zero.
 - 9) How is benzene useful ?
 - 10) Ludovico.
 - 11) Comment on the structural and stylistic features of the poem "The Star Splitter".
 - 12) Anandi's education in America. **(6×2=12)**
- IV. Answer the **four** following bunches of questions :
- 13) A) Who was the king served by Archimedes ?
a) Hieron b) Marcellus c) Heron d) Syracuse
 - B) What is called a blame thing in "The Star Splitter" ?
a) Telescope b) Farming c) Insurance d) House

P.T.O.



- C) Eureka means
- a) I know it
 - b) I have found it
 - c) I lost it
 - d) None of these
- D) What is arboreal life ?
- a) Life on the tree
 - b) Life in caves
 - c) Life underground
 - d) Life in water
- 14) A) *Stree Purusha Tulana* was written by
- a) Tarabai Shinde
 - b) Pandita Ramabai
 - c) Anandi
 - d) Mrs. Carpenter
- B) Thinking like a scientist requires _____
- a) Incredibly precise logic
 - b) Highly sophisticated logic
 - c) Other worldly logic
 - d) None of these
- C) 'Mavashi' means
- a) Elder Sister
 - b) Aunt
 - c) Younger Sister
 - d) Brother-in-law
- D) Thoreu advocated
- a) Industrialization
 - b) Urban life
 - c) Technology
 - d) Life in nature
- 15) A) Zero was invented by
- a) Indians
 - b) Syrians
 - c) Arabs
 - d) Greeks
- B) What were thundering across the earth ?
- a) Shrews
 - b) Moles
 - c) Dinosaur
 - d) Human beings
- C) Which flower attracted more bees ?
- a) Kadamba
 - b) Kutaja
 - c) Jasmine
 - d) Plantain flower
- D) *Lilavati* was written by
- a) Bhaskara I
 - b) S. Ramanujan
 - c) Arya Bhatta
 - d) Bhaskara II



- 16) A) Name the scientist mentioned in the poem "Benzene".
a) Kekule B) Faraday c) Both of them d) None of these
- B) The poem "Benzene" is a parody of
a) "The Lamb" b) "The Daffodils"
c) "The Tiger" d) "The Solitary Reaper"
- C) Who would not exchange two sheep for four sticks at a time ?
a) Damara natives b) Guaranis
c) Tansanians d) Tasmanians
- D) What was the discovery mentioned in *Galileo*?
a) Stars b) Telescope c) Arsenal d) Scudi (4×1=4)

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

- 17) What is magic-mongering ?
- 18) What is hugger-mugger farming ?
- 19) Why did the number 'thirteen' remain disreputable and unlucky ?
- 20) Where did Archimedes live ?
- 21) Why is benzene called aromatic ?
- 22) Who is Galileo's friend in Brecht's drama ?
- 23) What is an Olfactometer experiment ?
- 24) On what condition did Gopalrao marry ? (6×1=6)
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