



M 6211

Reg. No. :

Name :

IV Semester B.A./B.Sc. Degree (CCSS-Regular/Suppl./Imp.)

Examination, May 2014

Common Course in English

4A 06 Eng : HISTORY AND PHILOSOPHY OF SCIENCE

Time : 3 Hours

Max. Weightage : 30

I. Attempt **any one** in **200** words. (1×4=4)

- 1) Durant's observations on the Origin of Science.
- 2) Benzene as a parody of Blake's Tiger.

II. Attempt **any one** in **200** words. (1×4=4)

- 3) Renu as a woman in Science.
- 4) Analysis of the poem "The Star Splitter".

III. Answer **any six** in **80** words. (6×2=12)

- 5) Humayun Abdulali
- 6) Robin Cook's Coma
- 7) The end of Archimedes
- 8) The duo-decimal system
- 9) The telescope
- 10) Anandibai's inspiring life
- 11) Ludovico
- 12) Indian numerals and zero.

P.T.O.



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

(4×1=4)

- 13) a) Renu Borges is a strong believer in
(instinct, intellect, emotion, bees)
- b) How old was Anandi when her marriage took place ?
(3, 4, 8, 9)
- c) _____ is a constellation on the equator to the East of Taurus.
(Quicksilver, Mercury, Orion, Globule)
- d) The branch of physics that studies celestial bodies and the universe as a whole.
(astrophysics, astrology, astronomy, none of these)
- 14) a) Zero was invented by
(Arabs, Greeks, Romans, Indians)
- b) Which is a book not written by Pandit Nehru ?
(The Discovery of India, My Experiments with Truth, Glimpses of World History An Autobiography)
- c) Symmetry means _____ structure.
(unbalanced, unequal, balanced, undivided)
- d) Eureka means
(I know it, I dont know it, I've found it, I have not found it)
- 15) a) Applying ones hypothesis to a subsequent situation is
(prediction, observation, dependability, credibility)
- b) Thoreau advocated
(Industrialization, urbanization, technology, life in nature)
- c) The smallest Australian State is
(Sydney, Tasmania, Queensland, None of these)
- d) What wiped out the dinosaurs ?
(the tree shrews, mammals, cosmic atmosphere, lizards)



- 16) a) In which society was the father asked to take medicines in order to cure his sick child ?
(Iroquois, Micronesians, Bororos, Melanesians)
- b) Archimedes studied in
(Rome, Venice, Cyrus, Alexandria)
- c) Anandi died at the age of
(22, 23, 24, 25)
- d) The bird man of India
(Salman Ali, Salim Ali, Salman Rushdie, Salim Rushdie)

V. Attempt **six** questions out of eight.

(6×1=6)

- 17) What is an olfactometer experiment ?
- 18) On what condition did Gopalrao married Anandi ?
- 19) What did Brad do to buy a telescope ?
- 20) What is lugger-mugger farming ?
- 21) Who is Virginia ?
- 22) Who gave Europe its early arithmetic and algebra ?
- 23) What is smog ?
- 24) When did Archimedes die ?