

FREE SAMPLE SET | IGNOU GUESS PAPER | DECEMBER 2026 TEE | OMR PAPER

FST-01 Foundation Course in Science and Technology

100 one-mark MCQs on an OMR sheet: 40 practice questions on the topics IGNOU keeps testing

Course: FST-01 Foundation Course in Science and Technology (objective type, OMR, in December 2026); also searched as FST-1

December 2026 paper: Thursday 26 November 2026, 10 AM to 1 PM, one of the first papers of the session (IGNOU tentative date sheet dated 21 September 2026)

Programme: BDP, BTS, BCA and BSW (as listed in the date sheet's OMR note)

Built from: IGNOU FST-01 papers of June 2020, June 2022, December 2023 and June 2025, read on IGNOU's servers and, for June 2025, a hosted copy of IGNOU's paper, on 29 September 2026

STUDY REFERENCE

MCQ PRACTICE

NOT AN IGNOU PUBLICATION

How the FST-01 paper works now

- **An objective paper.** The June 2025 FST-01 paper has 100 questions, every question compulsory and carrying 1 mark, answered on an OMR response sheet in 3 hours. IGNOU's tentative date sheet for December 2026 again lists FST-01 as an objective (MCQ) OMR paper.
- **An early exam date.** FST-01 falls on 26 November 2026, among the first papers of the session, so your preparation window closes early.
- **The malpractice warning.** The December 2023 paper's instructions say the University may cancel the result of any candidate who impersonates or uses unfair means, and may verify scores. Read every instruction on your own booklet, including whether wrong answers carry negative marks.

A long-answer guess paper does little for this format; MCQ speed across the course's topics does.

Topic map: what the four papers tested

Topic area	Examples of what IGNOU asked
History of science	Geometric solids credited to the Greeks, the Bronze and Iron Ages, the Renaissance, science in medieval India
Method of science	What a hypothesis is, the features of scientific knowledge, why results must be objective, reproducible and verifiable
Science and society	How dominant groups in early societies used inventions to strengthen their domination (asked in June 2020 and June 2025), the gifts of science and technology
Universe and Earth	Optical astronomy, black holes, the highest-energy waves, radioactive dating
Environment	What "environment" includes
Technology	Turnkey technology, technology transfer, Maruti's imported technology, light fibre technology
Information and space technology	Wi-Fi, output devices, launch vehicles

40 practice MCQs

These questions are ours, written on the topics above; they are not IGNOU's questions. Answers and one-line reasons follow.

History of science

1. Geometric solids such as the tetrahedron, cube and octahedron are credited to mathematicians of: (1) India (2) Greece (3) Mesopotamia (4) Egypt
2. Bronze is an alloy of copper and: (1) iron (2) tin (3) lead (4) silver
3. The first cities appeared in the: (1) Old Stone Age (2) Bronze Age (3) Iron Age (4) Renaissance
4. The circulation of blood was described by: (1) Galen (2) William Harvey (3) Vesalius (4) Pasteur
5. Aryabhata is known for work in: (1) medicine (2) mathematics and astronomy (3) metallurgy (4) architecture
6. The Renaissance was a transition in Europe between: (1) ancient and medieval times (2) medieval and modern times (3) modern and post-modern times (4) Stone and Bronze Ages

Method of science

7. A statement that offers an explanation to be tested by experiment is a: (1) law (2) hypothesis (3) fact (4) belief
8. Results of scientific experiments should be: (1) objective (2) reproducible (3) verifiable (4) all of these
9. Which is NOT a feature of scientific knowledge? (1) based on reason (2) open to change (3) creates new knowledge (4) depends on personal faith
10. "Science demystifies natural phenomena" means science: (1) makes nature mysterious (2) explains nature through testable causes (3) rejects observation (4) relies on tradition

Science and society

11. In early societies, dominant social groups often used inventions to: (1) share power equally (2) strengthen their domination (3) end all conflict (4) abolish trade
12. Atomic bombs were dropped on Hiroshima and Nagasaki in: (1) 1939 (2) 1942 (3) 1945 (4) 1955
13. The Green Revolution in India raised mainly the output of: (1) pulses and oilseeds (2) wheat and rice (3) tea and coffee (4) cotton and jute
14. A social benefit of science and technology is: (1) higher life expectancy (2) faster communication (3) higher food output (4) all of these

Universe and Earth

15. Gathering and analysing visible light from space is: (1) radio astronomy (2) optical astronomy (3) cosmology (4) space technology
16. Which of these carries the highest energy? (1) radio waves (2) visible light (3) X-rays (4) gamma rays
17. A black hole is a region where gravity is so strong that: (1) planets form (2) not even light can escape (3) stars cool slowly (4) time stops for everyone
18. The age of rocks and fossils is estimated by: (1) carbon filters (2) radioactive dating (3) weighing (4) colour matching

19. The Sun is a: (1) planet (2) star (3) satellite (4) comet

20. The layer that shields the Earth from much of the Sun's ultraviolet radiation is rich in: (1) nitrogen (2) ozone (3) argon (4) helium

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Environment and health

21. The study of relationships between organisms and their surroundings is: (1) ecology (2) economics (3) ethology (4) ergonomics

22. Everything that influences an organism from outside is its: (1) atmosphere (2) habitat only (3) environment (4) ecosystem service

23. Nuclear wastes are: (1) biodegradable (2) non-biodegradable and radioactive (3) harmless after a week (4) organic manure

24. Global warming is linked mainly to rising levels of: (1) oxygen (2) greenhouse gases such as carbon dioxide (3) nitrogen (4) water vapour from oceans alone

25. Insulin is used in the treatment of: (1) malaria (2) diabetes (3) tuberculosis (4) anaemia

26. Penicillin was discovered by: (1) Louis Pasteur (2) Alexander Fleming (3) Edward Jenner (4) Robert Koch

27. The smallpox vaccine was pioneered by: (1) Edward Jenner (2) Jonas Salk (3) Joseph Lister (4) Ronald Ross

28. Goitre is linked to a deficiency of: (1) iron (2) iodine (3) calcium (4) vitamin C

Technology

29. "Turnkey" technology means a plant or system that is: (1) sold without training (2) delivered complete and ready to start working (3) rented by the hour (4) only partly built

30. The technology for Maruti cars came through a collaboration with a company from: (1) Germany (2) Japan (3) the USA (4) Korea

31. Technology transfer means: (1) destroying old machines (2) moving technology from one country or firm to another (3) hiding a patent (4) banning imports

32. SITE (1975 to 1976) stands for: (1) Satellite Instructional Television Experiment (2) Space Information Technology Exchange (3) Science in Technical Education (4) Satellite Internet Transfer Engine

33. Optical fibres carry signals in the form of: (1) sound (2) light (3) heat (4) electric sparks

Information and space technology

34. Wi-Fi is commonly expanded as: (1) Wireless Interface (2) Wireless Fidelity (3) Wide Frequency (4) Wireless Internet

35. Which is an output device? (1) keyboard (2) scanner (3) speaker (4) microphone

36. A rocket that places satellites in orbit is a: (1) payload (2) launch vehicle (3) jet fighter (4) space station
37. India's first satellite (1975) was: (1) Rohini (2) Aryabhata (3) Bhaskara (4) INSAT-1A
38. CPU stands for: (1) Central Processing Unit (2) Computer Power Unit (3) Control Program Utility (4) Central Printing Unit
39. Computers store data in the binary system, which uses the digits: (1) 0 to 9 (2) 1 and 2 (3) 0 and 1 (4) A and B
40. The Internet is best described as: (1) one large computer (2) a global network of networks (3) a TV channel (4) a satellite

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Answer key with reasons

Q	Ans	Reason
1	2	The Greek (Platonic) solids
2	2	Tin
3	2	Bronze Age urbanism
4	2	Harvey, 1628
5	2	Mathematics and astronomy
6	2	Medieval to modern
7	2	Hypothesis
8	4	All three
9	4	Faith is not a scientific test
10	2	Testable causes
11	2	To strengthen their domination
12	3	1945
13	2	Wheat and rice
14	4	All of these
15	2	Optical astronomy
16	4	Gamma rays
17	2	Not even light escapes
18	2	Radioactive decay
19	2	A star
20	2	Ozone
21	1	Ecology

Q	Ans	Reason
22	3	Environment
23	2	Non-biodegradable and radioactive
24	2	Greenhouse gases
25	2	Diabetes
26	2	Fleming, 1928
27	1	Jenner
28	2	Iodine
29	2	Ready to start
30	2	Japan (Suzuki)
31	2	Moving technology
32	1	Satellite Instructional Television Experiment
33	2	Light
34	2	The common expansion
35	3	Speaker
36	2	Launch vehicle
37	2	Aryabhata
38	1	Central Processing Unit
39	3	0 and 1
40	2	Network of networks

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How to use this set before 26 November

- **Now:** read the course blocks for names, dates, definitions and examples; that is what 1-mark MCQs test.
- **Three weeks before:** do these 40 in 40 minutes and study every reason.
- **Two weeks before:** attempt a full recent IGNOU booklet (100 questions) from ignou.ac.in in 3 hours.
- **In the exam:** move on quickly from a hard question and come back to it. Follow the booklet's own rule on wrong answers.

What this free set is, and is not

This is a practice set of 40 questions on the topics the FST-01 papers above tested. The complete FST-01 practice booklet, with more MCQs across all blocks in English or Hindi, costs ₹49 as a PDF or ₹100 as a printed copy, plus a one-time ₹100 courier charge per printed order. Order on WhatsApp +91 93546 37830.

IGNOU does not publish guess papers, and no guess paper can tell you which questions will be set. Use the official study material and IGNOU's own past papers (ignou.ac.in, Student Services, Downloads, Previous Year Question Papers) as your first sources.

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