KAS Prelims 2026 · Paper II · Solved

Exam of 15 November 2026 · Q1–20 and Q51–100 · 22 direct hits ■ · 24 partial hits □ from our material

1. Consider the following statements regarding infectious diseases:

(a) Infectious diseases are transmitted between two individuals by pathogens.

(b) Spreading of pathogens from one person to another are observed from individual human behavior, habits and traditional practices.

(c) These behaviors never give some clues about the routes by which the pathogens can be transmitted.

Which of the statements given above are correct?

(1) (a) and (b)
(2) (a) and (c)
(3) (b) and (c)
(4) (a), (b) and (c)

Answer: (1) (a) and (b)

(a) and (b) are true. (c) is false: behaviour and habits do give clues about the routes by which pathogens are transmitted.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 1 Explainers Basic to Advanced · Topic 20 · TB, HIV and other communicable diseases — START HERE

"Infectious diseases spread when a microbe passes from one person, animal or surface to another."

2. With reference to the Karnataka's prohibition on tobacco/nicotine-containing gutka and pan masala, consider the following statements:

(a) The prohibition covers the manufacture, storage, transportation, distribution and sale of specified tobacco/nicotine-containing products.

(b) The prohibition has been issued under Section 30(2)(a) of the Food Safety and Standards Act, 2006, read with regulation 2.3.4 of the relevant regulations.

(c) The prohibition applies for one year from the date of its issuance.

(d) Pure arecanut and pan masala without tobacco or nicotine are also covered by the prohibition.

Which of the statements given above are correct?

(1) (a), (b) and (c) only
(2) (a) and (d) only
(3) (a), (c) and (d) only
(4) (a), (b), (c) and (d)

Answer: (1) (a), (b) and (c) only

The 10 Aug 2026 order bans manufacture, storage, transport, distribution and sale under Sec 30(2)(a) FSS Act with Regulation 2.3.4, for one year. It targets only tobacco/nicotine-containing products, so (d) is wrong.

3. SQL injection is related to

(1) Covid-19
(2) Cybercrime
(3) Gene Editing Technology
(4) Criticality of Uranium

Answer: (2) Cybercrime

SQL injection is a cyber attack in which malicious SQL code is inserted into an application's database query.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Topic 39 · Blockchain, cryptography and cyber security — COMPARE: COMMON CYBER THREATS AND THEIR DEFENCES

"Fake email, call or SMS tricks users into revealing passwords or"

4. Regarding Chandrayaan-3 payloads, consider the following statements:

(a) SHAPE was carried by the propulsion module.

(b) ChaSTE measured thermal properties near the lunar surface.

(c) LIBS was mounted on the rover for elemental analysis.

(d) The mission included a dedicated lunar orbiter carrying SAR.

Which of the above statements are correct?

(1) (a) and (b) only
(2) (a), (b) and (c) only
(3) (b), (c) and (d) only
(4) (a), (b), (c) and (d)

Answer: (2) (a), (b) and (c) only

SHAPE was on the propulsion module, ChaSTE on the lander measured surface thermal properties, LIBS was on the rover. Chandrayaan-3 had no orbiter; the SAR flew on the Chandrayaan-2 orbiter.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Topic 28 · Moon and planetary exploration: Chandrayaan, SpaDeX docking
"On Chandrayaan-3 the Pragyan rover's LIBS fired a laser at the soil, turning a speck into glowing plasma whose light revealed sulphur, while the lander's ChaSTE pushed a temperature probe about 10 cm into the soil."

KAS HITLIST · MostExpected Science Technology Explanations 9x16 · Topic 05 · Moon missions: Chandrayaan, SpaDeX docking, Artemis II — fact box
"Chandrayaan-3 science: Pragyan's LIBS detected sulphur; ChaSTE measured the soil temperature profile."

5. Consider the following Assertion (A) and Reason (R):

Assertion (A): Venus has a higher average surface temperature than Mercury.

Reason (R): Venus possesses a dense carbon dioxide atmosphere that produces an intense greenhouse effect.

Choose the correct answer from the options given below:

(1) Both (A) and (R) are correct, and (R) is the correct explanation of (A)
(2) Both (A) and (R) are correct, but (R) is not the correct explanation of (A)
(3) (A) is correct, but (R) is incorrect
(4) (A) is incorrect, but (R) is correct

Answer: (1) Both (A) and (R) are correct, and (R) is the correct explanation of (A)

Venus (about 465 °C) is hotter than Mercury although farther from the Sun, because its dense CO2 atmosphere causes a runaway greenhouse effect. R explains A.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · Environment Part 2 Explainers Basic to Advanced · Topic 26 · Climate science: greenhouse effect, GHGs and global warming potential — Start with an example
"Venus is almost twice as far from the Sun as Mercury, yet its surface, at about 460 °C, is hotter than anywhere on Mercury. Its thick air is mostly carbon dioxide."

6. Consider the following statements:

(a) Jupiter and Saturn are classified as gas giants.

(b) Uranus and Neptune are often referred to as ice giants.

(c) All planets in the Solar System have at least one natural satellite.

Which of the statements given above is/are correct?

(1) (a) only
(2) (b) only
(3) (a) and (b) only
(4) (b) and (c) only

Answer: (3) (a) and (b) only

Jupiter and Saturn are gas giants; Uranus and Neptune are ice giants. Mercury and Venus have no natural satellite, so (c) is wrong.

7. With reference to the application of man-made satellites, consider the following statements:

(a) Remote sensing satellites are used to monitor natural resources and the environmental changes.

(b) Navigation satellites are primarily used to provide high-speed internet and television broadcasting services.

(c) Hubble Space Telescope is a space telescope that observes the origins and evolution of the universe.

(d) International Space Station provides a platform for international cooperation in orbit.

Which of the statements given above are correct?

(1) (a) and (b) only
(2) (b) and (c) only
(3) (a), (c) and (d) only
(4) (a), (b), (c) and (d)

Answer: (3) (a), (c) and (d) only

(b) is wrong: navigation satellites give position, navigation and timing; internet and TV broadcasting are the work of communication satellites. (a), (c) and (d) are correct.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Topic 30 · Earth observation and satellite navigation: NISAR, radar imaging, NavIC — START HERE
"Navigation works the other way round: the satellites transmit and your receiver only listens. Each navigation satellite broadcasts its position and the exact time from an atomic clock"

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Topic 30 · Earth observation and satellite navigation — START HERE
"Remote sensing means gathering information about a place without touching it."

8. With reference to Smartphones, consider the following statements:

(a) Smartphones can function as controllers for many Internet of Things (IoT) devices.

(b) Smartphones are equipped with components such as GPS receivers, accelerometers and cameras.

(c) Smartphones cannot be used for digital payments.

(d) Smartphones can run a variety of applications (apps) for navigation, communication and productivity.

Which of the above statements are correct?

(1) (a) and (b) only
(2) (a), (b) and (d) only
(3) (b), (c) and (d) only
(4) (a), (b), (c) and (d)

Answer: (2) (a), (b) and (d) only

(c) is wrong: smartphones are widely used for digital payments (UPI, wallets). (a), (b) and (d) are correct.

9. With reference to Artificial Intelligence (AI), consider the following statements:

(a) AI is a machine-based system to perform tasks that normally require human intelligence, such as learning, reasoning and decision-making.

(b) AI is used in applications such as language translation, medical diagnosis and recommendation systems.

(c) AI systems always operate without requiring data for training or improvement.

(d) AI-powered virtual assistants can understand and respond to voice to text-based user commands.

Which of the statements given above are correct?

(1) (a) and (b) only
(2) (a), (b) and (d) only
(3) (b), (c) and (d) only
(4) (a), (b), (c) and (d)

Answer: (2) (a), (b) and (d) only

(c) is wrong: AI systems depend on data for training and improvement. (a), (b) and (d) are correct.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · MostExpected Science Technology Explanations 9x16 · Topic 26 · Artificial intelligence: LLMs, IndiaAI and AI governance — explainer
"Artificial intelligence is the wide goal of machines performing tasks that need intelligence. Machine learning is the subset in which a system learns patterns from data instead of following hand-written rules"

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Topic 35 · Artificial intelligence: how machines learn, from neural networks to LLMs — START HERE
"Instead of writing rules, we show the computer many examples and let it find the pattern itself"

10. Which of the following feature/features of bioethanol is/are desirable as a biofuel?

(a) High latent heat of vaporisation
(b) High octane number
(c) Low hydrocarbon emission
(d) Highly hydrophillic

(1) (a), (b) and (c)
(2) (b) and (c) only
(3) (a), (b) and (d)
(4) (d) only

Answer: (1) (a), (b) and (c)

High latent heat of vaporisation cools the intake charge, high octane number resists knocking, and the oxygen content lowers hydrocarbon emissions. Being highly hydrophilic is a drawback: absorbs water and causes phase separation and corrosion.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Topic 43 · Biofuels, green hydrogen and sustainable aviation fuel — START HERE
"Such fuels are biofuels. Ethanol, the alcohol in drinks, is made by letting yeast ferment sugar"

EXAMINER'S CODE · Part 1 How KEA Turns a True Statement False · Trap 6 · Q 6.7 (KEA AHO 2026 Q51) — statements about ethanol
"(a) Ethanol is in liquid form at room temperature. (b) Ethanol is soluble in water."

11. Consider the following pairs of GI-tagged crops and the state:

(a) Kachai Lemon – Manipur
(b) Memong Narang – Tripura
(c) Tree Tomato – Arunachal Pradesh
(d) Khasi Mandarin – Meghalaya

Which of the above are not correctly matched?

(1) (a) and (b)
(2) (b) and (c)
(3) (c) and (d)
(4) (a) and (d)

Answer: (2) (b) and (c)

Memong Narang belongs to Meghalaya, not Tripura; Tree Tomato is a Nagaland GI, not Arunachal Pradesh. Kachai Lemon–Manipur and Khasi Mandarin–Meghalaya are correct.

12. Which among the following is the most abundant protein on Earth?

(1) RuBisCO
(2) Albumin
(3) Aquaporin
(4) Collagen

Answer: (1) RuBisCO

RuBisCO, the carbon-fixing enzyme in the leaves of all green plants, is the most abundant protein on Earth. Collagen is the most abundant protein only in animals.

13. Biochar, a charcoal-like substance is produced from biomass via pyrolysis. The benefits of biochar include

(a) Carbon sequestration
(b) Increase the availability of soil nutrients
(c) Prevention of the growth of soil microbes
(d) Conservation of water and soil

(1) (a), (b) and (c)
(2) (a) and (d) only
(3) (a), (b) and (d)
(4) (c) and (d) only

Answer: (3) (a), (b) and (d)

Biochar locks carbon in soil, improves nutrient availability and retains water and soil. It promotes, not prevents, soil microbial growth, so (c) is wrong.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Key terms — Biochar (carbon capture vs carbon removal topic)
"Biochar: charcoal made by heating biomass with little oxygen, added to soil to store carbon"

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Carbon capture vs carbon removal — explainer text
"spreads crushed basalt that reacts with CO_2; and biochar, charcoal ploughed into soil."

14. With the exception of certain viruses, DNA acts as the genetic material in all living organisms. Which of the following statements does not satisfy the criteria for DNA?

(1) It must have the ability to generate its own replica.

(2) It must be chemically and structurally stable.

(3) It must have the ability to express itself in the form of Mendelian traits.

(4) It must not allow for the slow changes necessary for biological evolution.

Answer: (4) It must not allow for the slow changes necessary for biological evolution.

Genetic material must replicate, be stable, express as Mendelian characters and also provide scope for slow changes (mutation) needed for evolution. Option (4) states the opposite.

15. Match the following books/reports in List-I with organization published by in List-II:

(a) Red Data Book

(b) Global Assessment Reports on Climate Change

(c) The Living Planet Index

(d) Climate Hazard and Vulnerability Atlas of India

(i) IPCC

(ii) WWF

(iii) India Meteorological Department (IMD)

(iv) IUCN

(1) a-iv, b-i, c-ii, d-iii

(2) a-iv, b-iii, c-i, d-ii

(3) a-ii, b-i, c-iv, d-iii

(4) a-iii, b-ii, c-i, d-iv

Answer: (1) a-iv, b-i, c-ii, d-iii

Red Data Book – IUCN; Assessment Reports on climate change – IPCC; Living Planet Index – WWF (with ZSL); Climate Hazard and Vulnerability Atlas of India – IMD.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · Environment Part 2 Explainers Basic to Advanced · Reports and indices topic — Going Deeper

"released each year at the COP; the Living Planet Report from WWF"

KAS HITLIST · Environment Part 2 Explainers Basic to Advanced · Reports and indices topic — Going Deeper

"WMO issues its climate reports annually; the IPCC, set up by WMO and UNEP in 1988, works in multi-year assessment cycles."

16. Increased frequency of extreme weather events is scientifically linked with

(1) Natural variation alone

(2) Anthropogenic climate change influencing atmospheric and oceanic systems

(3) Decrease in greenhouse gases

(4) Reduction in global temperature

Answer: (2) Anthropogenic climate change influencing atmospheric and oceanic systems

IPCC AR6 attributes the rising frequency and intensity of extreme weather events to human-induced climate change acting on the atmosphere and oceans.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · Geography Part 2 Explainers Basic to Advanced · Topic 45 · Floods, cloudbursts, landslides and GLOFs in India — Going Deeper

"Some scientists link fiercer cloudbursts to warming; others stress building on floodplains and debris fans. Both raise the risk."

17. Which pollutant contributes the greatest proportion of premature deaths globally according to the Global Burden of Disease Assessment?

(1) Sulphur dioxide
(2) Nitrogen dioxide
(3) PM 2.5
(4) Carbon monoxide

Answer: (3) PM 2.5

Fine particulate matter (PM2.5) accounts for the largest share of air-pollution deaths in the Global Burden of Disease estimates.

☐ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · Environment Part 2 Explainers Basic to Advanced · Karnataka air-quality topic — explainer text
"Worldwide, air pollution is the leading environmental risk factor for death, linked to 7.9 million"

KAS HITLIST · MostExpected Environment Explanations 9x16 · Reports round-up — State of India's Environment 2026
"SoE 2026 also: deaths linked to ambient PM2.5 up 61% over a decade; 15 States/UTs over-exploit groundwater."

18. Which of the following are the key features of the 'Kigali Amendment, 2016' to Montreal Protocol?

(a) It focuses on the phasedown of hydrofluorocarbons (HFCs)
(b) HFCs are potent greenhouse gases
(c) The amendment is legally binding
(d) It completely bans the production of all ozone-depleting substances

(1) (a) and (b) only
(2) (a) and (d) only
(3) (a), (b) and (c)
(4) (a), (b), (c) and (d)

Answer: (3) (a), (b) and (c)

The Kigali Amendment phases down HFCs, which are potent greenhouse gases, and is legally binding. HFCs do not deplete ozone and the amendment is a phase-down, not a total ban, so (d) is wrong.

☐ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · MostExpected Environment Explanations 9x16 · Topic 23 · Ozone and chemicals: Kigali at 10 — practice question, statement 1
"HFCs controlled under the Kigali Amendment do not deplete stratospheric ozone but are potent greenhouse gases."

KAS HITLIST · Environment Part 2 Explainers Basic to Advanced · Ozone layer: Montreal Protocol, Kigali Amendment and cooling — explainer text
"The Kigali Amendment (2016, in force 2019) therefore phases them down."

19. Which of the following are the consequences of ocean acidification?

(a) Reduced ability of marine organisms to form calcium carbonate shells
(b) Increased rate of photosynthesis in marine algae
(c) Disruption of the marine food web
(d) Increased solubility of oxygen in seawater

(1) (a) and (c) only
(2) (a), (b) and (c)
(3) (a) and (d) only
(4) (a), (b), (c) and (d)

Answer: (1) (a) and (c) only

Acidification lowers carbonate ions, hampering shell formation and disrupting the marine food web. It does not raise oxygen solubility, and increased algal photosynthesis is not a general consequence.

☐ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · Environment Part 1 Explainers Basic to Advanced · Coral reefs and mangroves topic — Going Deeper
"acidification, the fall in seawater pH as it absorbs carbon dioxide, adds a second stress by making limestone harder to build."

KAS HITLIST · Geography Part 1 Explainers Basic to Advanced · Climate change topic — Key terms
"Ocean acidification: fall in seawater pH as absorbed CO_2 forms"

20. Arrange the following Indian Space Science Missions/Events in chronological order:

(a) Solar X-ray Spectrometer (SOXS)

(b) Indian X-ray Astronomy Experiment (IXAE)

(c) AstroSat

(d) Chandrayaan-1

(1) (b), (a), (d), (c)

(2) (a), (b), (d), (c)

(3) (b), (d), (a), (c)

(4) (a), (d), (b), (c)

Answer: (1) (b), (a), (d), (c)

IXAE flew on IRS-P3 in 1996, SOXS on GSAT-2 in 2003, Chandrayaan-1 in 2008 and AstroSat in 2015.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 1 Explainers Basic to Advanced · Stars, telescopes and the universe — Must-know facts

"AstroSat (28 Sep 2015, PSLV-C30): India's first dedicated"

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Chandrayaan missions — explainer text

"Chandrayaan-1 (2008) dropped a Moon Impact Probe and carried NASA's Moon"

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51. Karnataka Budget 2025-26, in-principle approval was given to establish the 'International Basava Philosophical and Research Centre' in which of the following cities?

(1) Bidar

(2) Bengaluru

(3) Bagalkot

(4) Vijayapura

Answer: (2) Bengaluru

Budget 2025-26 gave in-principle approval for the International Basava Philosophical and Research Centre in Bengaluru; an expert committee is to submit a detailed report.

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52. In APEDA's 2026 export promotion program, what was the specific nature of the ready-to-cook foods shipped from Karnataka to New Zealand?

(1) Dairy-based foods

(2) Botanical-infused ready-to-cook millet functional foods

(3) Wheat-based foods

(4) Meat substitute foods

Answer: (2) Botanical-infused ready-to-cook millet functional foods

On 3 June 2026 APEDA flagged off the first sea shipment of botanical-infused ready-to-cook millet functional foods (1 tonne, Infini Agrotek, Bengaluru) to New Zealand.

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53. With reference to the 'Deepika Scholarship' scheme of Government of Karnataka, consider the following statements:

(a) The scheme aims to reduce financial barriers to higher education for eligible female students who have completed their 10th and 12th in Government schools and colleges.

(b) The scheme primarily promotes vocational education through Industrial Training institutions.

(c) It seeks to encourage continuation of higher education among female students.

(d) This scheme provides institutional grants directly to Government schools and colleges.

Which of the above statements are correct?

(1) (a) and (c) only

(2) (a), (b) and (c)

(3) (b) and (d) only

(4) (a), (b), (c) and (d)

Answer: (1) (a) and (c) only

Deepika gives Rs 30,000 a year to girls who studied Class 10 and 12 in government institutions and join degree/diploma courses. Money goes to the student, not institutions; it is not an ITI scheme.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · ES Budget Student Workbook 6 Parts · Ch. on Education — Karnataka scheme card 'Deepika Scholarship & Arivu'

"Deepika: Rs.30,000 a year to about 37,000 girls from government schools and colleges in higher education (with Azim Premji Foundation)."

KAS HITLIST · ES Budget Question Bank 280Q · Q203 answer key

"Deepika pays Rs.30,000 a year; STEM skilling is with AnitaB.org (Rs.13.5 crore)"

54. Match List-I (Sports Personality) with List-II (Sports/Games):

(a) Aditi Ashok
(b) Archana Kamath
(c) Srihari Nataraj
(d) Charvi Anilkumar
(i) Chess
(ii) Swimming
(iii) Table Tennis
(iv) Golf

Choose the correct answer from the options given below:

(1) a-i, b-ii, c-iii, d-iv
(2) a-iii, b-i, c-iv, d-ii
(3) a-iv, b-iii, c-ii, d-i
(4) a-iv, b-iii, c-i, d-ii

Answer: (3) a-iv, b-iii, c-ii, d-i

Aditi Ashok – Golf; Archana Kamath – Table Tennis; Srihari Nataraj – Swimming; Charvi Anilkumar – Chess.

□ **PARTIAL HIT · FROM OUR MATERIAL**

DAILY FACT SHEET · Day 7 Sports 2026 · Day 7 Sports, fact 16 (Karnataka at the Asian Games 2026)
"Aditi Ashok (golf team silver), M.R. Poovamma (women's 4x400 m"

DAILY FACT SHEET · Day 7 Sports 2026 · Day 7 Sports, fact 16 (line above: Karnataka golfers)
"gold, 5 silver, 1 bronze) — Pranavi Urs (golf: individual gold, team silver),"

55. Match List-I (Kannada Sahitya Sammelana) with List-II (Place where held):

(a) 83rd
(b) 84th
(c) 85th
(d) 86th
(i) Haveri
(ii) Kalaburgi
(iii) Dharwad
(iv) Mysore

Choose the correct answer from the options given below:

(1) a-ii, b-iv, c-iii, d-i
(2) a-iii, b-ii, c-iv, d-i
(3) a-iv, b-iii, c-ii, d-i
(4) a-iv, b-ii, c-iii, d-i

Answer: (3) a-iv, b-iii, c-ii, d-i

83rd – Mysuru (2017); 84th – Dharwad (2019); 85th – Kalaburagi (2020); 86th – Haveri (2023).

□ **PARTIAL HIT · FROM OUR MATERIAL**

DAILY FACT SHEET · Day 2 Karnataka awards and literature · Day 2 Karnataka awards and literature, fact 12 (Kannada Sahitya Sammelana)
"Kannada Sahitya 87th: Mandya, 20–22 Dec 2024, First Sammelana 1915"

DAILY FACT SHEET · Day 2 Karnataka awards and literature · Day 2, fact 11 static hook (88th Sammelana)
"the 88th Kannada Sahitya Sammelana, Ballari (scheduled Dec"

56. Who is the recipient of Kendra Sahitya Academy's Bal Sahitya Puraskar 2025 in Kannada language for his book titled "Notebook"?

(1) K. Shivalingappa Handihal
(2) Krishnamurthy Biligere
(3) Rahamat Tarikere
(4) Purushottama Bilimale

Answer: (1) K. Shivalingappa Handihal

K. Shivalingappa Handihal won the Sahitya Akademi Bal Sahitya Puraskar 2025 (Kannada) for the short-story collection 'Notebook'.

■ **DIRECT HIT · FROM OUR MATERIAL**

DAILY FACT SHEET · Day 1 National awards and honours · Day 1 National awards and honours, fact 19
"Puraskar 2025 (Kannada): K. Shivalingappa Handihal, Notebook (announced 18 Jun 2025)."

DAILY FACT SHEET · Day 11 Awards Rajyotsava 2026 global · Day 11 Awards, fact 11 (Sahitya Akademi — Kannada)
"(children's stories); Bal Sahitya 2025: K. Shivalingappa Handihal, Notebook; Yuva Puraskar 2025: R."

57. Choose the correct statements regarding "Navu Manujaru" programme:

(a) It is a novel scheme to sow seeds of social harmony at the school and college level.

(b) It is an interactive two-hour weekly class that will involve discussions and debates in all schools and colleges to promote values such as tolerance and scientific temper.

(c) Creating awareness among children about environmental consciousness, eradication of superstitions and reconciliation of superstitions and science is also part of the programme.

(d) The Department of State Educational Research and Training (DSERT) is the implementation authority of this programme.

Choose the correct answer from the options given below:

(1) (a) and (b) only
(2) (a), (b) and (c) only
(3) (a), (b) and (d) only
(4) (a), (b), (c) and (d)

Answer: (4) (a), (b), (c) and (d)

All four are correct: two-hour weekly discussion class in schools and colleges for social harmony and scientific temper; covers environmental awareness and superstition versus science; DSERT implements it.

58. "Bhoo Suraksha" scheme aims

(1) To improve the soil fertility in dry and arid regions
(2) To provide the citizens computerized records online by scanning land survey and registration records of revenue department
(3) To promote organic farming so as to reduce the usage of chemical fertilizers in agriculture
(4) To enhance the productivity of agriculture using modern scientific practices

Answer: (2) To provide the citizens computerized records online by scanning land survey and registration records of revenue department

Bhoo Suraksha is the Revenue Department's project to scan and digitise old land, survey and registration records and give citizens computerised copies online.

59. Consider the following statements regarding 'Shakti scheme':

(a) The Shakti scheme was launched on 11th June, 2023.

(b) Transgenders are not allowed free travel under this scheme.

(c) Free travel is allowed in some inter-state buses under this scheme.

(d) Girl students are not required to get bus passes as they can travel by state-run buses for free under this scheme.

Choose the incorrect statements among the statements given above.

(1) (a) and (d)
(2) (a) and (c)
(3) (a) and (b)
(4) (b) and (c)

Answer: (4) (b) and (c)

Launched 11 June 2023 – (a) true. Transgender persons are covered – (b) wrong. Travel is only within Karnataka, inter-state buses excluded – (c) wrong. Girl students need no pass – (d) true.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · Economy Part 4 Explainers Basic to Advanced · Economy Part 4, Topic 80 (five guarantees), Self-test Q1
"1. Shakti allows free travel on interstate KSRTC buses if the journey begins in Karnataka. ✗ — interstate and luxury/AC services are"

KAS HITLIST · Economy Part 4 Explainers Basic to Advanced · Economy Part 4, Topic 80, Must-know facts
"Launches: Shakti 11 Jun 2023; Gruha Lakshmi 30 Aug 2023"

60. Consider the following statements regarding 'Hombelaku' programme:

(a) Solar street lights will be installed in 50 Gram Panchayats at a cost of Rs. 25 crore under 'Hombelaku' programme.

(b) Solar lights will be installed in 1000 Government hostels at a cost of Rs. 10 crore under 'Hombelaku' programme.

(c) Solar light will be installed in 2000 Government schools and colleges at a cost of Rs. 5 crore under 'Hombelaku' programme.

(d) Solar lights will be installed in 15000 locations across Bangalore to prevent crimes during nights under 'Hombelaku' programme.

Choose the correct answer from the options given below:

(1) (a) only is correct
(2) (a) and (b) are correct
(3) (b) and (c) are correct
(4) (b) and (d) are correct

Answer: (1) (a) only is correct

Budget 2024-25: solar street lights in 50 gram panchayats at Rs 25 crore under Hombelaku. Hostels, schools/colleges and Bengaluru locations are not part of it.

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61. Consider the following statements regarding 'Kalike Jothege Kaushalya' (KJK):

(a) It integrates skill development with formal higher education

(b) It introduces credit-linked skill courses for undergraduate students

(c) Skill training is delivered through KSDC-affiliated industry partners

(d) The programme is restricted only to Engineering students

Which of the statements given above are correct?

(1) (a) and (b) only
(2) (b), (c) and (d) only
(3) (a), (b), (c) and (d)
(4) (a), (b) and (c) only

Answer: (4) (a), (b) and (c) only

KJK builds skilling into regular higher education with credit-linked courses, delivered through KSDC's industry training partners; it covers degree college students generally, not only engineering.

☐ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ES Budget Student Workbook 6 Parts · Ch. on Labour & Skills — Karnataka card 'Yuva Nidhi Plus, Kalike Jothe Kaushalya & Nanna Vruthi, Nanna Ayke'

"Kalike Jothe Kaushalya: industry-relevant skill training for 5th- and 6th-semester degree students through ITIs, GTTCs and KGTTIs, with the Higher Education Department."

GURUKUL EDUVERSE Telegram: @pradeepaupsc GURUKUL EDUVERSE

62. Consider the following Assertion (A) and Reason (R):

Assertion (A): The Local Economy Accelerator Programme (LEAP) aims to promote balanced regional innovation across Karnataka.

Reason (R): LEAP supports emerging technology clusters beyond Bengaluru through targeted funding and ecosystem development.

(1) Both (A) and (R) are correct and (R) is the correct explanation of (A)

(2) Both (A) and (R) are correct but (R) is not the correct explanation of (A)

(3) (A) is correct but (R) is incorrect

(4) (A) is incorrect but (R) is correct

Answer: (1) Both (A) and (R) are correct and (R) is the correct explanation of (A)

LEAP (Rs 1,000 crore) aims at innovation and jobs across the State; it does so by funding and building clusters outside Bengaluru (Mysuru, Mangaluru-Udupi, Hubballi-Dharwad-Belagavi, Kalaburagi), so R explains A.

□ **PARTIAL HIT · FROM OUR MATERIAL**

DAILY FACT SHEET · Day 9 Karnataka budget economy reservation and governance · Day 9 Karnataka budget and governance, fact 15 (policies approved 13 Nov 2025)
"Economy Accelerator Programme, ₹200 crore, ₹300 crore Fund of Funds,"

KAS HITLIST · Economy Part 4 Explainers Basic to Advanced · Economy Part 4, Topic 88 (IT, GCCs, startups and Beyond Bengaluru), how it works, step 3
"3. Startups receive ELEVATE grants and early equity from a Beyond Bengaluru Cluster Seed Fund; K-Combinator and Leap Labs incubate"

63. Which of the following statements are correct regarding 'Karnataka Menstrual Leave Policy, 2025'?

(a) State High Court upheld the constitutional validity of this policy

(b) Applies to all Government and private sectors

(c) Requires medical certificate and can be carried forward

(d) Karnataka is the first state to implement it comprehensively

Choose the correct answer from the options given below.

(1) (a) and (b) are correct

(2) (b) and (c) are correct

(3) (a), (b) and (c) are correct

(4) (a), (b) and (d) are correct

Answer: (4) (a), (b) and (d) are correct

High Court upheld the policy (Art. 21, 15(3)); it covers government and private establishments; Karnataka is the first State to cover all sectors. No medical certificate, no carry-forward, so (c) is wrong.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ES Budget Question Bank 280Q · Q169 answer key
"the earlier State policies cover government staff only, whereas Karnataka's policy (one paid day a month, women aged 18–52, no medical certificate) covers both government and private sectors."

KAS HITLIST · ES Budget Student Workbook 6 Parts · Karnataka card 'Menstrual Leave Policy 2025'
"One day of paid leave a month (12 a year) for women aged 18–52 in government and private sectors."

64. The Karnataka Information Technology (IT) Policy 2025-30 emphasised on which of the following factors?

(a) Smart and Green Infrastructure

(b) Future Ready Talent

(c) Business Ready Support

(d) Market Acceleration

Choose the correct answer from the options given below.

(1) (b) and (c)

(2) (c) and (d)

(3) (a), (b) and (c)

(4) (a), (b), (c) and (d)

Answer: (4) (a), (b), (c) and (d)

The policy's incentive framework spans infrastructure, talent, business-continuity support and market/commercial enablement (plus ease of doing business), so all four listed factors are covered.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · ES Budget Student Workbook 6 Parts · Karnataka card 'IT Policy 2025–30'
"Focus on deep-tech and AI; four pillars — smart/green infrastructure, future-ready talent, business-ready support and market acceleration."

KAS HITLIST · Economy Part 4 Explainers Basic to Advanced · Economy Part 4, Topic 88, Going deeper
"The IT Policy 2025–30 aims to almost treble software exports, ₹4.09 lakh crore to"

65. Consider the following statements with regard to Karnataka Apartment (Ownership and Management) Bill 2026.

(a) The proposed legislation is intended to apply to residential development containing eight or more individual units.

(b) It provides for the transfer of project land and common facilities directly to property owners.

(c) Developers are required to transfer original project documents, warranties and maintenance corpus funds to the registered resident association within 60 days of obtaining the occupancy certificate.

(d) Structural stability audits are proposed once every five years for all buildings irrespective of their age.

Which of the statements given above are correct?

(1) (a) and (b) only
(2) (a), (b) and (c) only
(3) (b), (c) and (d) only
(4) (a), (b), (c) and (d)

Answer: (2) (a), (b) and (c) only

Bill covers small projects around the eight-unit threshold, vests land and common areas in owners, and fixes a 60-day handover after OC. Structural audit applies only to buildings 30 years old, then every five years.

66. With reference to the Karnataka Attendance and Management System (KAMS), consider the following statements:

(a) KAMS uses facial recognition technology for employee authentication.

(b) The system integrates Aadhaar and geotagging to strengthen attendance verification.

(c) It was introduced only for employees of Bengaluru Urban district.

(d) The system covers employees across 42 departments.

Which of the statements given above are correct?

(1) (a), (b) and (d) only
(2) (a) and (c) only
(3) (b), (c) and (d) only
(4) (a), (b), (c) and (d)

Answer: (1) (a), (b) and (d) only

Kartavya-KAAMS uses AI facial recognition with Aadhaar e-KYC and location (geo) verification, and covers about 4.78 lakh employees in 42 departments across the State, not only Bengaluru Urban.

67. Karnataka state's first completely organic taluk for promoting sustainable organic farming is being developed in which of the following taluks in Uttara Kannada District?

(1) Haliyal
(2) Joida
(3) Yellapura
(4) Ankola

Answer: (2) Joida

The State Budget announced that Joida in Uttara Kannada will be developed as Karnataka's first organic taluk.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · ES Budget Student Workbook 6 Parts · Karnataka card 'Organic taluks — Joida model & Pandavapura'
"Joida (Uttara Kannada) — Karnataka's first fully organic taluk."

KAS HITLIST · ES Budget Student Workbook 6 Parts · Karnataka card 'Organic taluks — Joida model & Pandavapura'
"Trap: Joida is the earlier model; Pandavapura is the 2026-27 announcement."

68. 'Operation RISE' and 'Beda Bro' is a programme launched by Mysore City Police and District Police to make Karnataka a drug-free state. Expand RISE.

(1) Respect, Inspire, Serve, Educate
(2) Refuse, Inform, Support, Empower
(3) Reform, Integrate, Sustain, Encourage
(4) Respond, Improve, Strengthen, Engage

Answer: (2) Refuse, Inform, Support, Empower

RISE stands for Refuse, Inform, Support, Empower, the Mysuru City and District Police anti-drug operation run alongside the 'Beda Bro' campaign.

69. The 2026 edition of 'ELEVATE NxT', a flagship initiative by the Department of IT/BT specifically accelerates startups belonging to which technology sector?

(1) E-commerce and Retail Tech
(2) Fintech and Neo banking
(3) DeepTech (AI, Robotics, Semiconductors)
(4) EduTech and Online Learning

Answer: (3) DeepTech (AI, Robotics, Semiconductors)

ELEVATE NxT is the IT/BT Department's grant programme meant only for DeepTech startups; the 2026 edition drew 983 applications and shortlisted 256 deep-tech finalists.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · Economy Part 3 Explainers Basic to Advanced · Economy Part 3, blockchain/tokenisation topic — Karnataka link
"Karnataka's Startup Policy 2025–30 offers ELEVATE NxT deep-tech"

KAS HITLIST · Economy Part 3 Topic Explainers · Economy Part 3 Topic Explainers — KARNATAKA LINK box
"tech grants from a ₹150 crore pool, up to ₹1 crore per"

70. Consider the following statements and choose the correct statements:

(a) 'Sakshar Samman' is a training programme initiated to educate and empower the illiterate Panchayat members in the state of Karnataka.

(b) The programme has been initiated by the Department of Rural Development of Karnataka in association with Nazir Sab Institute of Rural Development, Mysore.

(c) The training period of 'Sakshar Samman' programme is 200 hours.

Choose the correct answer from the options given below.

(1) (a) and (b) only
(2) (a) only
(3) (b) only
(4) (a), (b) and (c)

Answer: (1) (a) and (b) only

Sakshara Sanmana makes unlettered gram panchayat members literate; it is run by RDPR with ANSSIRD, Mysuru. The course is 100 hours over 50 days, not 200 hours.

71. Under the newly enacted Karnataka Platform Based Gig Workers (Social Security and Welfare) Act, what is the maximum levy that digital aggregators must pay towards the welfare fund?

(1) 1 - 5% of gross transaction payouts
(2) 6 - 8% of gross transaction payouts
(3) 10% of gross transaction payouts
(4) Fixed Rs. 500 per worker

Answer: (1) 1 - 5% of gross transaction payouts

The Act fixes the welfare fee on aggregators at 1 to 5 per cent of the payout to the gig worker in each transaction.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · Economy Part 4 Student Workbook · Economy Part 4, Topic 93 summary line 'Gig workers'
"Karnataka Act 72 of 2025 · welfare fee 1–5% of payout; 1% notified 16 Feb 2026"

KAS HITLIST · Polity Part 2 Explainers Basic to Advanced · Polity Part 2 explainer — Karnataka laws (gig workers' welfare law)
"The gig-workers law adds a welfare fee of 1–5% on each payout, a welfare board and worker IDs."

72. Recently Karnataka State Government proposed a draft 'Clean Mobility Policy' targeting heavy vehicle electrification and eco-friendly transportation for which of the following periods?

(1) 2026-2031
(2) 2025-2030
(3) 2026-2036
(4) 2025-2035

Answer: (2) 2025-2030

Karnataka's Clean Mobility Policy runs for 2025-2030, aiming at Rs 50,000 crore investment and one lakh jobs in the clean mobility value chain.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Science & Tech Part 2 explainer — EVs, Karnataka link
"Karnataka framed India's first state EV policy in 2017; its Clean Mobility Policy 2025–30 targets ₹50,000 crore of investment with"

KAS HITLIST · Environment Part 2 Explainers Basic to Advanced · Environment Part 2 explainer — Karnataka climate action
"On mitigation, the Clean Mobility Policy 2025–30 targets ₹50,000 crore of investment, and EV penetration reached"

73. Under the modified rules of the 'Gruha Lakshmi Scheme' in 2026, which authentication process has been made mandatory to filter out ineligible beneficiaries?

(1) OTP-based mobile registration
(2) Post Office account passbook link
(3) Physical verification by Grama Kayaka Mitra
(4) One-time biometric / Iris authentication

Answer: (4) One-time biometric / Iris authentication

The 2026 re-verification of Gruha Lakshmi beneficiaries requires one-time biometric (face/fingerprint) authentication linked to Aadhaar to remove dead and ineligible beneficiaries.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · Economy Part 4 Explainers Basic to Advanced · Economy Part 4 explainer — Karnataka after the change of government
"photo ID became mandatory on 15 June, and Gruha Lakshmi re-verification was announced on 30 September, with no"

KAS MOCK TEST · Paper II · Key & Synopsis · Mock Paper II Key — guarantees question, trap note
"ID in June and Gruha Lakshmi re-verification in"

74. Which of the following foundations has signed an agreement with Government of Karnataka to give Rs. 1500 crore over 3 years in order to provide eggs to students from LKG to Grade 10 in Government and Government-aided schools across 31 districts of Karnataka?

(1) Deshpande Foundation
(2) Infosys Foundation
(3) Azim Premji Foundation
(4) Biocon Foundation

Answer: (3) Azim Premji Foundation

Azim Premji Foundation committed Rs 1,500 crore over three years so that LKG-Grade 10 children in government and aided schools in all 31 districts get eggs six days a week.

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75. Which of the following statement/statements is/are INCORRECT with respect to Air Marshal Philip Rajkumar (Retd.)?

(a) He was conferred the Karnataka Rajyotsava Award in 2024.
(b) "The Tejas Story: The Light Combat Aircraft Project" book was written by him.
(c) For his distinguished contributions to the Indian Air Force, he was awarded with 'Param Vir Chakra'.

(1) Only (a) and (c)
(2) (a), (b) and (c)
(3) Only (c)
(4) Only (b) and (c)

Answer: (1) Only (a) and (c)

He received the Rajyotsava Award in 2025 (70th Rajyotsava), not 2024, and holds the PVSM, not the Param Vir Chakra. He did write 'The Tejas Story'. So (a) and (c) are incorrect.

□ **PARTIAL HIT · FROM OUR MATERIAL**
DAILY FACT SHEET · Day 11 Awards Rajyotsava 2026 global · Day 11, R12 · Rajyotsava 2025 awardees (for comparison)
"Marshal Philip Rajkumar, Ashish Ballal, Sulagitti Eeramma."

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76. Name the woman athlete from Karnataka who was a part of Indian National Team and clinched bronze medal in 4 × 100 m mixed relay at the 2026 Asian games in Aichi-Japan.

(1) Sindhushree G.
(2) M. R. Poovamma
(3) Supriya B.
(4) Sneha S.S.

Answer: (4) Sneha S.S.

India's bronze-winning mixed 4x100 m relay quartet was Gurindervir Singh, Sneha Shanuvali Sathyanarayana (Sneha S.S., Karnataka), Animesh Kujur and Harita Bhadra.

■ **DIRECT HIT · FROM OUR MATERIAL**
DAILY FACT SHEET · Day 7 Sports 2026 · Factsheet Day 7, fact 16 'Karnataka at the Asian Games 2026'
"H.S. (men's hockey gold), Tilottama Sen (50 m rifle team silver), Sneha"

DAILY FACT SHEET · Day 7 Sports 2026 · Factsheet Day 7, fact 16 (next line)
"S.S. (mixed 4x100 m bronze), Ayush Shetty (badminton team medal)."

GURUKUL EDUVERSE Telegram: @pradeepaupsc

77. Identify the INCORRECT statement/statements about "Sasya Shyamala Scheme", an environmental initiative launched by the Government of Karnataka.

(a) It involves students from classes 1 to 10 in Government schools.

(b) Each standard school receives 50 saplings.

(c) In 17 low green cover districts (including Kalyana Karnataka regions), the schools receive 75 saplings.

(d) Students are assigned to water and look after the planted saplings for a duration of 5 years.

(1) Only (a)
(2) Only (a) and (b)
(3) Only (b)
(4) (a), (c) and (d)

Answer: (4) (a), (c) and (d)

(a) wrong: classes 1 to 12 take part. (b) right: 50 saplings per school. (c) wrong: the 17 low-green-cover districts get 100 saplings. (d) wrong: students tend saplings for two years.

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78. Which of the following statement/statements is/are CORRECT with respect to the enhancement of cash awards for the Karnataka state's medalists in Asian Games, 2026?

(a) For each Gold medalist, cash award increased from ₹ 50 lakh to ₹ 1 crore

(b) For each Silver medalist, cash award increased from ₹ 25 lakh to ₹ 75 lakh

(c) For each Bronze medalist, cash award increased from ₹ 15 lakh to ₹ 50 lakh

(1) Only (a)
(2) (a) and (b) only
(3) (b) and (c) only
(4) (a), (b) and (c)

Answer: (3) (b) and (c) only

Gold rose from ₹35 lakh (not ₹50 lakh) to ₹1 crore, so (a) is wrong. Silver ₹25 lakh to ₹75 lakh and bronze ₹15 lakh to ₹50 lakh are right.

☐ **PARTIAL HIT · FROM OUR MATERIAL**
DAILY FACT SHEET · Day 7 Sports 2026 · Fact 16 ★ — Karnataka at the Asian Games 2026
"State raised rewards to ₹1 crore / 75 lakh / 50 lakh for gold/silver/bronze."

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79. Among the following, identify the recipients of Nadoja honorary degree in 2026:

(a) H.C. Satyan

(b) Shivaraj Y. Patil

(c) C. Mahadevappa

(d) M. Venkatesh Kumar

(e) G. Ramakrishna

(1) (a), (b) and (c)
(2) (c), (d) and (e)
(3) (a), (c) and (e)
(4) (a), (d) and (e)

Answer: (3) (a), (c) and (e)

Kannada University, Hampi conferred Nadoja in 2026 on H.C. Satyan, C. Mahadevappa and G. Ramakrishna. Shivaraj Patil and M. Venkatesh Kumar were 2025 recipients.

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80. Dr. B.A. Vivek Rai is the recipient of Karnataka's prestigious 'Pampa Prashasti' for the year 2024 - 25. Among the following, identify the books written by him:

(a) Akkara Mane

(b) Pravaasi Kanda Vijayanagara

(c) Tuluva Samskriti

(d) Tulu Kaipidi

(e) Germaniya Olagininda

(1) (a), (b) and (c)

(2) (a), (b), (c) and (e)

(3) (a), (b), (c) and (d)

(4) (a), (b), (c), (d) and (e)

Answer: (2) (a), (b), (c) and (e)

Akkara Mane, Tuluva Samskriti and Germaniya Olagininda are Vivek Rai's works; Tulu Kaipidi is not among his listed works, and (b) is common to every option.

81. The '11 G model' is a state-specific economic framework introduced during Karnataka State Budget. Which of the following is/are not the part of '11 G Framework'?

(a) Good Public Education

(b) Good Health to All

(c) Global Trade Economy

(d) Globe-Trotting Economy

(e) Growing Semi-Urban Economy

(1) (d) and (e) only

(2) (e) only

(3) (a), (b) and (d) only

(4) (c), (d) and (e) only

Answer: (2) (e) only

The 11 Gs include Good Public Education, Good Health for All, Global Trade Economy, Globe-Trotting Economy and Growing Urban Economy. 'Growing Semi-Urban Economy' is not one of them.

82. Expand KAAMS.

(1) Karnataka Administrative Attendance Management System

(2) Karnataka Advanced Attendance Management System

(3) Karnataka Advanced Attendance Maintenance System

(4) Karnataka Advanced Attendance Management Service

Answer: (2) Karnataka Advanced Attendance Management System

KAAMS is the Karnataka Advanced Attendance Management System, the AI-based facial-recognition, geo-fenced attendance app (Kartavya-KAAMS) for government staff.

83. How many of the following statement/s is/are CORRECT with respect to "Digital Detox Centre" (DDC) of Karnataka?

(a) The primary objective of the DDC is to serve as a comprehensive resource hub for individuals struggling with digital addiction.

(b) It is being supported by the All India Gaming Federation.

(c) It is an initiative of Department of Health and Family Welfare.

(d) It provides immediate assistance for individuals facing digital addiction, offering counselling, therapy and professional help.

(1) Only one statement

(2) Only two statements

(3) Only three statements

(4) All the four statements

Answer: (3) Only three statements

(a), (b) and (d) are right: a resource hub for digital addiction, backed by the All India Gaming Federation, giving immediate support and counselling. (c) is wrong: it is an IT-BT Department initiative.

84. How many of the statement/s is/are INCORRECT with respect to Chidambara Rao Jambe, an acclaimed Kannada theatre director, scholar and arts administrator?

(a) He served as the Principal of Ninasam Theatre Institute in Heggodu.

(b) His landmark productions are 'Taledanda', 'Cherry Hannina Thota', 'Chanakya Prapanch' etc.

(c) He headed National School of Drama in New Delhi for 5 years.

(d) He also served as a director of Mysuru Rangayana.

Choose the correct answer from the options given below.

(1) Only two statements
(2) Only three statements
(3) All the four statements
(4) Only one statement

Answer: (4) Only one statement

Only (c) is wrong: Jambe studied and taught at the National School of Drama and headed its Bengaluru centre, not Delhi. He was Ninasam principal, Mysuru Rangayana director, and staged the three plays named.

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85. Identify how many of the following pair/pairs is/are CORRECTLY matched with the Kannada film 'Mithya'. (72nd National Film Award Category – Winner)

(a) Best Kannada Film – 'Mithya' film directed by Sumanth Bhat and produced by Rakshit Shetty

(b) Best Actor – Prakash Thuminad

(c) Best Actress in a Supporting Role – Roopashree Vorkady

(d) Best Child Artist – Athish S. Shetty

Choose the correct answer from the options given below.

(1) All the four
(2) Only three
(3) Only two
(4) Only one

Answer: (2) Only three

Mithya won three awards: Best Kannada Film (director Sumanth Bhat, producer Rakshit Shetty), Best Supporting Actress (Roopashree Varkady) and Best Child Artist (Athish S. Shetty). It won no Best Actor award.

□ **PARTIAL HIT · FROM OUR MATERIAL**

DAILY FACT SHEET · Day 1 National awards and honours · Fact 11 ★ — 72nd National Film Awards
"Best Director — Rajkumar Periasamy (Amaran); Best Kannada Film — Mithya."

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86. Which of the following statements with reference to the High Level Working Group (HLWG) Report on the Western Ghats are correct?

(a) The HLWG delineated the Western Ghats region across 188 talukas in six states.

(b) About 60,000 km² of the Western Ghats region was identified as Ecologically Sensitive Area (ESA).

(c) In Karnataka, 44,448 km² falls within the Western Ghats region and ESA covers 20,688 km² across 10 districts.

(d) The HLWG recommended a complete ban on hydropower projects in the ESA of Karnataka.

(1) (a), (b) and (c) only
(2) (a), (b) and (d) only
(3) (b), (c) and (d) only
(4) (a), (b), (c) and (d)

Answer: (1) (a), (b) and (c) only

188 talukas in six States and about 60,000 km² ESA are right; Karnataka has 44,448 km² in the region. (d) is wrong: hydropower is allowed subject to conditions, not banned.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · MostExpected Environment Explanations 9x16 · Western Ghats ESA — Kasturirangan/HLWG facts
"Draft bans mining, quarrying, sand mining, new thermal plants, red-category industries and large construction; hydel regulated; agriculture and plantations untouched."

KAS HITLIST · MostExpected Environment Explanations 9x16 · Western Ghats ESA — Karnataka's share
"Karnataka's share: 20,668 sq km, about 1,449 villages in 10 districts"

87. Which of the following River-Linking Projects in Karnataka proposes the construction of dams at Hirevadatti and Menasagoda, along with tunnels and a multi-stage pumping system for water transfer?

(1) Netravati-Yettinahole Project
(2) Bedti-Varada River Interlinking Project
(3) Aghanashini-Vedavathi Project
(4) Godavari-Krishna-Cauvery River-Linking Project

Answer: (2) Bedti-Varada River Interlinking Project

The Bedti-Varada link proposes a dam at Hirevadatti (Gadag) and another at Menasagoda near Sirsi, moving water to the Varada through tunnels and pumping.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · MostExpected Geography Explanations 9x16 · River linking — Karnataka link
"Godavari–Cauvery link, now combined with Krishna supplementation through the Bedti–Varda link in Karnataka."

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88. Consider the following statements about Karnataka's 'Higher Education Transformation Project':

(a) It is being implemented with assistance from the Asian Development Bank (ADB).
(b) It aims to strengthen Government First Grade Colleges and Government Polytechnics.
(c) It includes setting up Centres of Excellence and enhancing research outcomes.
(d) It has an estimated cost of ₹ 5000 crore.

Which of the statements given above are correct?

(1) (a) and (b) only
(2) (a), (b) and (c) only
(3) (b), (c) and (d) only
(4) (a), (b), (c) and (d)

Answer: (2) (a), (b) and (c) only

The project is ADB-assisted, strengthens Government First Grade Colleges and Polytechnics, and sets up Centres of Excellence. Its cost is ₹2,500 crore, not ₹5,000 crore.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ES Budget Student Workbook 6 Parts · Karnataka Budget 2026-27 — Higher education table, row 'Colleges'
"40 degree colleges and 11 polytechnics developed and 9 Centres of Excellence set up with ADB assistance"

KAS HITLIST · ES Budget Question Bank 280Q · Q210, statement 1 (key: all four correct)
"Forty degree colleges and eleven polytechnics are to be developed and nine Centres of Excellence set up with ADB assistance."

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89. Match the following Government schemes of Karnataka in List-I with their objectives in List-II:

(a) Chief Minister's Krishi Vistara
(b) Kayaka Bhagya
(c) Chief Minister's Kaushalya Karnataka Yojane (CMKKY) 2.0
(d) Yuva Nidhi

(i) Online employment exchange for unorganised workers
(ii) Promoting employability and entrepreneurship among youth
(iii) Strengthening post-harvest activities, value addition and market linkages
(iv) Providing unemployment allowance to eligible unemployed youth

Choose the correct answer from the options given below:

(1) a-iii, b-i, c-ii, d-iv
(2) a-i, b-iii, c-iv, d-ii
(3) a-ii, b-iv, c-i, d-iii
(4) a-iv, b-ii, c-iii, d-i

Answer: (1) a-iii, b-i, c-ii, d-iv

Yuva Nidhi pays unemployment allowance (d-iv); Krishi Vistara covers value addition of farm produce (a-iii); CMKKY 2.0 is youth skilling (c-ii); Kayaka Bhagya is the workers' employment exchange (b-i).

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · Economy Part 4 Explainers Basic to Advanced · Topic 80 · The five guarantees
"Yuva Nidhi is a time-bound allowance for young graduates and diploma holders still looking for work."

EXAMINER'S CODE · Part 4 Predictions · Prediction E6 — Karnataka's five guarantees (answer)
"Yuva Nidhi gives Rs. 3,000 a month to unemployed graduates and Rs. 1,500 to diploma holders."

90. Consider the following statements regarding Karnataka Government's 'Anna Bhagya Guarantee Scheme':

(a) Under the scheme, an additional 5 kg of rice was being distributed every month to beneficiaries.

(b) For 2026-27, the Government proposes to replace the monthly rice distribution with an 'Indira Food Kit' containing items such as tur dal, sugar, salt and cooking oil.

(c) The 'Indira Food Kit' is proposed to be distributed at an estimated annual cost of ₹ 6,200 crore.

Which of the statements given above is/are correct?

(1) (a) only
(2) (a) and (b) only
(3) (b) and (c) only
(4) (a), (b) and (c)

Answer: (4) (a), (b) and (c)

Budget 2026-27: Indira Food Kit (tur dal, sugar, salt, cooking oil) given every month instead of the additional 5 kg rice under Anna Bhagya, at Rs 6,200 crore. All three correct.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · Economy Part 4 Explainers Basic to Advanced · Topic 80 · The five guarantees — numbered point 4
"Anna Bhagya: NFSA's 5 kg continues; the State's extra 5 kg, given as cash (2023–25) and then as rice, becomes an Indira Food Kit in 2026–27."

KAS HITLIST · Economy Part 3 Explainers Basic to Advanced · Topic 66 · Food security, PDS and food management — Going Deeper
"The State is replacing that extra rice with Indira food kits, 1 kg each of green gram, toor dal, sugar, salt and cooking oil scaled by family size"

91. Consider the following statements:

(a) All remote sensing satellites like INSAT, LANDSAT and SPOT belong to Sun-synchronous orbit satellites.

(b) IRS series of satellites belong to geosynchronous orbit satellite.

Which of the above statement/s is/are incorrect?

(1) Both (a) and (b)
(2) Only (a)
(3) Only (b)
(4) Neither (a) nor (b)

Answer: (1) Both (a) and (b)

INSAT is a geostationary communication/meteorological series, so (a) is wrong; IRS satellites are in Sun-synchronous polar orbit, not geosynchronous, so (b) is wrong. Both incorrect.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Topic 30 · Earth observation and satellite navigation — Going Deeper
"NISAR flies a Sun-synchronous orbit at 743 km, giving sharp, repeatable views. EOS-05 instead watches from geostationary height, about 36,000 km"

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Topic 26 · Rockets, orbits and ISRO's launch record — Going Deeper
"A Sun-synchronous orbit is near-polar and slightly retrograde (about 98°); its plane turns about 1° a day, so the satellite crosses each latitude at the same local solar time."

GURUKUL EDUVERSE
Telegram: @pradeepaupsc

92. Consider the following pairs (Initiative – Feature):

(a) Quantum Vision 2035 – $20 billion Quantum Economy

(b) Q-City – Hesaraghatta

(c) Karnataka Quantum Task Force – There are 13 Members

(d) Quantum Research Park – Indian Institute of Science, Bengaluru

Which of the pairs given above are correctly matched?

(1) (a), (b) and (c) only
(2) (a), (c) and (d) only
(3) (b), (c) and (d) only
(4) (a), (b), (c) and (d)

Answer: (4) (a), (b), (c) and (d)

Quantum Vision 2035 targets a $20 billion quantum economy; Q-City is at Hesaraghatta; the task force was announced with 13 members; Quantum Research Park is at IISc Bengaluru. All four match.

☐ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 2 Explainers Basic to Advanced · Topic 48 · Karnataka's technology policies — Going Deeper
"The Quantum Roadmap of 31 Jul 2025 backs a ₹1,000 crore Karnataka Quantum Mission, a US$20 bn quantum economy by 2035 and a Q-City at Hesaraghatta"

DAILY FACT SHEET · Day 9 Karnataka budget economy reservation and governance · Day 9 factsheet, item 15 — policies approved
"Karnataka Quantum Mission (₹1,000 crore; "Quantum Vision 2035", $20 bn economy)."

93. Consider the following statements:

Assertion (A): La Niña refers to the cooling of sea surface temperatures in the central and eastern equatorial Pacific, leading to stronger than normal trade winds and increased upwelling of cold water.

Reason (R): La Niña typically causes drier than normal conditions in the eastern Pacific and wetter than normal conditions in the western Pacific, influencing global weather patterns like enhanced rainfall in Southeast Asia and drought in the parts of America.

Choose the correct answer from the options given below.

(1) Both Assertion (A) and Reason (R) are true, and Reason (R) is the correct explanation of Assertion (A)
(2) Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A)
(3) Assertion (A) is true, but Reason (R) is false
(4) Assertion (A) is false, but Reason (R) is true

Answer: (2) Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A)

A is true: La Nina is cooling of the central-eastern equatorial Pacific with stronger trade winds and upwelling. R is true but describes La Nina's rainfall effects, not why the cooling occurs.

☐ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · Geography Part 1 Explainers Basic to Advanced · Topic 18 · ENSO, IOD, MJO and teleconnections — self-test 1
"During La Niña the trades strengthen and upwelling off Peru intensifies. ✓"

KAS HITLIST · Geography Part 1 Explainers Basic to Advanced · Topic 18 · ENSO, IOD, MJO and teleconnections — explainer
"La Niña is the opposite extreme, with stronger trades and an extra-cold east Pacific."

94. The village 'Mawlynnong' is identified as one of the Asia's cleanest villages and fondly called "God's Own Garden". This village is in which state of India?

(1) Nagaland
(2) Himachal Pradesh
(3) Chhattisgarh
(4) Meghalaya

Answer: (4) Meghalaya

Mawlynnong, called 'God's Own Garden' and Asia's cleanest village, is in East Khasi Hills district of Meghalaya.

95. The most abundant and important of all antibodies containing about 80% of all antibodies is

(1) IgM
(2) IgD
(3) IgA
(4) IgG

Answer: (4) IgG

IgG is the most abundant antibody, about 75-80% of serum immunoglobulins; it also crosses the placenta.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 1 Explainers Basic to Advanced · Topic 16 · Immunity — Compare: the main antibody classes
"IgG Most abundant in blood; dominates the secondary response"

KAS HITLIST · MostExpected Science Technology Explanations 9x16 · Most Expected Science & Technology — Immunity, must-know facts
"IgG crosses the placenta; IgA is in colostrum; IgM is made first; IgE mediates allergy."

96. Which one of the following is associated with AIKosh?

(1) AI-powered weather forecasting
(2) Large datasets for training AI models
(3) AI skill training for Government officials
(4) Financial support to AI startups

Answer: (2) Large datasets for training AI models

AIKosh is the IndiaAI datasets platform: a repository of datasets, models and use cases for building and training AI models.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · Economy Part 3 Explainers Basic to Advanced · Topic 61 · AI economy: IndiaAI Mission — numbered point 3
"Teams draw training material from AIKosh, the mission's open repository, which held over 14,000 datasets and 331 models by July 2026."

KAS HITLIST · Economy Part 3 Explainers Basic to Advanced · Topic 61 · AI economy: IndiaAI Mission — compare table
"AIKosh Open datasets and models for training 14,000+ datasets, 331 models (July 2026)"

97. Flue Gas Desulfurization (FGD) Technology is primarily associated with controlling which pollutant?

(1) Carbon monoxide
(2) Sulphur dioxide
(3) Methane
(4) Ozone

Answer: (2) Sulphur dioxide

FGD removes sulphur dioxide from the flue gas of coal-fired thermal power plants, usually with limestone slurry.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS DIKSOOCHI TEST · Test6 · KAS DIKSOOCHI Test 6 — 'pollutant-control combinations' question, pair 2
"Flue-gas desulphurisation: Reduction of sulphur dioxide emissions"

98. With reference to India's Human Papillomavirus (HPV) Vaccination Programme, consider the following statements:

(a) The programme targets adolescent girls aged 14 years.

(b) The vaccination is voluntary and free of cost.

(c) India will use Gardasil-4, a quadrivalent HPV vaccine.

(d) This vaccine is intended to protect against HPV types 16, 18, 31 and 33.

(e) HPV types 16 and 18 are associated with cervical cancer.

Which of the statements given above is/are INCORRECT?

(1) (a) and (b) only
(2) (c) only
(3) (d) only
(4) (d) and (e) only

Answer: (3) (d) only

Gardasil-4 covers HPV types 6, 11, 16 and 18, not 31 and 33, so (d) is wrong. Target age 14, free and voluntary, quadrivalent vaccine, and 16/18 causing cervical cancer are all correct.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · MostExpected Science Technology Explanations 9x16 · Most Expected Science & Technology — Topic 24 Vaccines and advanced therapies, must-know facts
"HPV drive: launched by the PM at Ajmer, 28 Feb 2026; girls aged 14 (about 1.15 crore); Gardasil-4 (types 6, 11, 16, 18); single dose, free."

KAS HITLIST · MostExpected Science Technology Explanations 9x16 · Most Expected Science & Technology — Topic 24 practice question, solution
"Statement 1 ✗ — the drive uses Gardasil-4 (types 6, 11, 16, 18); Cervavac is not used"

99. Consider the following Assertion (A) and Reason (R).

Assertion (A): Biofertilizers enhance natural fertility of soil by fixing atmospheric nitrogen, dissolving insoluble phosphorus and mobilizing micronutrients which increase the production of plant growth substances.

Reason (R): The microorganisms such as bacteria, fungi and blue-green algae in biofertilizer colonize the plant roots and the rhizosphere to restore soil's natural nutrient cycle and build organic matter in soil.

Select the correct answer.

(1) (A) is correct, but (R) is incorrect
(2) (A) is incorrect, but (R) is correct
(3) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
(4) Both (A) and (R) are correct and (R) is the correct explanation of (A)

Answer: (4) Both (A) and (R) are correct and (R) is the correct explanation of (A)

Both are correct. Biofertilizers work because their microbes colonise the roots and rhizosphere and carry out nitrogen fixation, phosphate solubilisation and nutrient mobilisation, so R explains A.

□ **PARTIAL HIT · FROM OUR MATERIAL**

KAS HITLIST · ScienceTech Part 1 Student Workbook · Topic 17 · Plant physiology — 'Biofertilisers such as Rhizobium, Azotobacter, Azospirillum, …' (one line of the sentence)
"blue-green algae and Azolla are promoted to cut chemical"

KAS HITLIST · Environment Part 1 Student Workbook · Topic 02 · Biogeochemical cycles, succession and soil ecology — 'Mycorrhizal biofertilisers use root-fungus partnerships to …' (one line of the sentence)
"improve phosphorus uptake, cutting the need for phosphate"

100. Which of the following statements regarding contamination of groundwater with arsenic pollutant in India is/are correct?

Statement-I: Ganga-Brahmaputra alluvial plains is a prime location of geogenic arsenic contaminated groundwater in India.

Statement-II: Southern India is a prime location of geogenic arsenic contaminated groundwater in India.

Select the correct option.

(1) Only Statement-I is correct
(2) Only Statement-II is correct
(3) Both Statement-I and Statement-II are correct
(4) Neither Statement-I nor Statement-II is correct

Answer: (1) Only Statement-I is correct

Geogenic arsenic in groundwater is concentrated in the Ganga-Brahmaputra alluvial plains (West Bengal, Bihar, UP, Assam). Southern India has only isolated pockets, so it is not a prime location.

■ **DIRECT HIT · FROM OUR MATERIAL**

KAS HITLIST · Geography Part 2 Explainers Basic to Advanced · Topic 43 · Water resources and groundwater — Going Deeper
"Arsenic leaches from young alluvium in the Ganga–Brahmaputra plains; fluoride comes from minerals in granite and gneiss and causes dental and skeletal fluorosis."

KAS HITLIST · ScienceTech Part 1 Explainers Basic to Advanced · Topic 09 · Everyday chemistry — 'Fluoride and arsenic … arsenic mainly in the Ganga-Brahmaputra plains' (first line of the sentence)
"Fluoride and arsenic are two major geogenic (naturally"