



SPRINGS SERVICE EXAMINATION 2025

(Preliminary Examination)

Exam Details

- **Total Questions:** 100 (Objective Type : Multiple Choice)
- **Total Marks:** 400
- **Marks for Each Correct Answer:** +4
- **Negative Marking:** –1 for each wrong answer
- **Unanswered Questions:** No penalty
- **Total Duration:** 1 hour 45 minutes (105 minutes)
- **Cool-Off Time:** 15 minutes

Instructions to Candidates

1. This booklet contains **100 questions** printed in **four options , A, B, C, and D**. Each question carries **4 marks**.
2. **Attempting all questions is allowed, but not mandatory**. Choose wisely, keeping in mind negative marking.
3. Use **blue or black ballpoint pen only** to fill your responses in the **OMR sheet**.
4. **Darken the correct circle completely**. Incomplete shading or stray marks may be treated as wrong answers.
5. **Do not write or make any mark** on the question booklet other than your Roll Number and Name in the space provided.
6. **Carefully fill in the OMR sheet details** : Roll Number, Question Booklet Code, and Signature.
7. **No second OMR sheet** will be issued under any circumstances.
8. Candidates are allowed to **leave the examination hall only after the full duration** of the exam.
9. **Cool-off time (15 minutes)** is meant for verification of details, reading of instructions, and final cross-checking before submission.
10. In case of any doubt or discrepancy, **raise your query only with the invigilator**.
11. **Use of mobile phones, smart watches, calculators, or any electronic devices is strictly prohibited**.
12. Maintain **silence and discipline** throughout the examination. Any unfair means will lead to disqualification.

Use for rough work

1. A scientist observes that when magnesium ribbon burns in air, it produces a white powder that turns red litmus paper blue. Additionally, heat and light are produced during the process. Based on this observation, which of the following statements is/are correct?
 1. The burning of magnesium is a physical change because heat is produced
 2. The white powder formed is basic in nature
 3. This process demonstrates both chemical change and combustion
 4. The change can be easily reversed by cooling the white powder

Options :

- A. Only 1 and 2
- B. Only 2 and 3
- C. Only 2, 3 and 4
- D. Only 1, 3 and 4

2. Assertion (A): During adolescence, both boys and girls experience the growth of hair in armpits and the pubic region.
Reason (R): These changes are secondary sexual characteristics that help distinguish males from females.

Options :

- A. Both A and R are true, and R is the correct explanation of A
- B. Both A and R are true, but R is NOT the correct explanation of A
- C. A is true, but R is false
- D. A is false, but R is true

3. Match the following processes of heat transfer with their characteristics:

Process

1. Conduction
2. Convection
3. Radiation

Characteristic

- P Requires actual movement of particles
- Q Explains why sea breeze occurs during daytime
- R Does not require any medium for heat transfer
- S Explains why a metal spoon becomes hot when placed in hot tea

Options:

- A. 1-S, 2-P and Q, 3-R
- B. 1-P, 2-S and Q, 3-R
- C. 1-S and R, 2-P, 3-Q
- D. 1-R, 2-P and Q, 3-S

4. A farmer finds his soil highly acidic. Which measures would MOST improve soil condition?
 1. Adding lime (calcium oxide)
 2. Adding vinegar
 3. Adding baking soda solution
 4. Adding organic compost

Options :

- A. Only 1
- B. Only 1 and 3
- C. Only 1, 3 and 4
- D. Only 2 and 4

5. Consider statements about the digestive system:
1. Small intestine is shorter than large intestine
 2. Bile is acidic
 3. Small intestine lining has finger-like projections
 4. Pancreatic juice breaks down carbohydrates, proteins and fats
- Which are correct?
- Options:
- A. Only 1 and 2
 - B. Only 2 and 4
 - C. Only 3 and 4
 - D. Only 1, 3 and 4
6. Assertion (A): An LED's longer wire (positive terminal) must connect to the battery's positive end.
Reason (R): Current passes through an LED in only one direction.

Options:

- A. Both A and R are true, and R explains A
 - B. Both A and R are true, but R does NOT explain A
 - C. A is true, but R is false
 - D. A is false, but R is true
7. A student tests solutions P, Q, R, S using turmeric and blue litmus papers:

Solution	Turmeric Paper Change	Blue Litmus Change
P	Yellow to red	Blue to red
Q	No change	No change
R	Yellow to red	Blue to red
S	No change	No change

Most accurate conclusion:

Options:

- A. P & R are acidic; Q & S are basic
 - B. P & R are basic; Q & S are acidic
 - C. P & R are basic; Q & S are neutral or acidic
 - D. P & R are acidic; Q & S are neutral or basic
8. Iron nails in three conditions:
- I. Dry air (with silica gel)
 - II. Water covered by oil (no air)
 - III. Partially dipped in water, exposed to air
- After 8–10 days, rust forms in which condition(s), and what type of change is it?
- Options:
- A. Only III; Physical change
 - B. Only III; Chemical change
 - C. I and III; Physical change
 - D. II and III; Chemical change
9. Train distance and time data
- | Interval | Distance |
|-----------|----------|
| 0–10 min | 3 km |
| 10–20 min | 6 km |
| 20–30 min | 6 km |
| 30–40 min | 6 km |

40–50 min

3 km

Statements:

1. Uniform motion throughout
2. Uniform motion between 10–40 min
3. Average speed = 24 km/h
4. Non-uniform motion throughout

Which are correct?

Options:

- A. 1 and 3
- B. 2 and 3
- C. 2 and 4
- D. 3 and 4

10. Observe the demonstration:

- Test tube A: Boiled rice + water + iodine → Blue-black
- Test tube B: Chewed rice + water + iodine → Light or no colour change

Statements:

1. Blue-black in A confirms starch presence
2. Saliva breaks down starch into sugar
3. Demonstrates mechanical digestion in mouth
4. Process in B is a chemical change

Which are correct ?

Options:

- A. 1 and 2
- B. 1, 2 and 4
- C. 2, 3 and 4
- D. All of the above

11. A government official is reviewing a proposal to establish a common salt production facility in a coastal area. The proposal mentions using traditional solar evaporation methods in shallow pits. Consider the following statements regarding this process:

1. Salt crystallization from seawater requires both evaporation and subsequent separation of solid salt from the mixture
2. The process would be more efficient during monsoon season due to higher humidity
3. Sieving can be used to separate salt crystals of different sizes after evaporation
4. The magnetic compass used by workers for navigation would function because Earth behaves like a giant magnet

Which of the statements given above is/are correct?

Options:

- A. Only 1, 3 and 4
- B. Only 1 and 3
- C. Only 2, 3 and 4
- D. Only 1, 2 and 3

12. Assertion (A): In ancient India, units like angula (finger width) were used for measurements, and these units are still employed by traditional craftspeople like carpenters and tailors.

Reason (R): Standard units like metre were adopted internationally because body-part based measurements differ from person to person, leading to inconsistent measurements.

Options:

- A. Both A and R are true, and R is the correct explanation of A

- B. Both A and R are true, but R is NOT the correct explanation of A
 C. A is true, but R is false
 D. A is false, but R is true
13. An agricultural extension officer is training farmers about proper grain storage to prevent spoilage. Consider the following conditions for seed germination and storage:
 Conditions for seed germination:
- Bean seeds require adequate water and air for germination
 - Most seeds do not require light for germination
 - Excess water prevents air availability to seeds
- Based on this understanding, which of the following storage practices would be MOST effective for long-term grain preservation?
1. Storing grains in airtight containers to prevent air and moisture entry
 2. Keeping grains in well-ventilated areas with high humidity
 3. Storing grains in dry conditions with limited air exposure
 4. Keeping grains submerged in water to prevent pest infestation
- Options:
- A. Only 1
 - B. Only 3
 - C. Only 1 and 3
 - D. Only 2 and 4
14. A district collector is planning to improve water availability in a drought-prone region. The team proposes increasing water harvesting structures and reducing evaporation losses from existing water bodies. Consider the following factors affecting evaporation rate:
1. Surface area exposed to air
 2. Humidity of the surrounding air
 3. Temperature of water
 4. Air movement over the water surface
- Which of the following intervention strategies would be MOST effective in reducing evaporation losses from an open water reservoir?
- Options:
- A. Covering the water surface with floating materials to reduce exposed area and air movement
 - B. Increasing the depth of the reservoir to increase the surface area
 - C. Keeping the reservoir in an open, windy location
 - D. Removing surrounding vegetation to increase air circulation
15. A public health official is designing a training program for community health workers on measuring body temperature during disease surveillance. The official considers the following points:
1. Normal body temperature of a healthy adult human is 37.0 °C, but individual variations exist based on age, time of day, and activity level
 2. Digital thermometers measure temperature through heat sensors and are safer than mercury thermometers
 3. For elderly people and small children, armpit temperature measurement gives reading 0.5 °C to 1 °C lower than actual body temperature
 4. The sense of touch alone cannot reliably determine if a person has fever

Additionally, the official wants to separate potentially contaminated materials from clean materials in a health facility. Which separation method would be appropriate for:

- Separating used cotton swabs from unused ones based on visual differences
- Filtering liquid medical waste to remove solid particles

Which combination correctly matches the separation methods?

Options:

- A. Handpicking for cotton swabs; Filtration for liquid waste
- B. Sieving for cotton swabs; Decantation for liquid waste
- C. Winnowing for cotton swabs; Sedimentation for liquid waste
- D. Threshing for cotton swabs; Evaporation for liquid waste

16. A district administration is planning water management strategies for a region prone to both floods and droughts. Based on understanding of the water cycle and river systems, consider the following statements:

1. Groundwater recharge is more effective in areas with cemented surfaces than in areas with green lawns and open spaces
2. Dams serve multiple purposes including water storage for dry seasons, electricity generation, and flood control
3. Excess use of fertilizers in agricultural fields can lead to rapid growth of plants and organisms in water bodies, creating a 'green blanket' effect that harms aquatic life
4. Traditional water harvesting structures like johads in Rajasthan help in rainwater collection and groundwater recharge

Which of the statements given above is/are correct?

Options:

- A. Only 2, 3 and 4
- B. 1, 2 and 3
- C. Only 1 and 4
- D. Only 2 and 4

17. Assertion (A): Microbes need moisture, air, and the right temperature to grow and spoil food.

Reason (R): Food preservation methods like drying in the sun, refrigeration, adding oil to pickles, and using salt work because they remove or reduce at least one of the conditions necessary for microbial growth.

Options:

- A. Both A and R are true, and R is the correct explanation of A
- B. Both A and R are true, but R is NOT the correct explanation of A
- C. A is true, but R is false
- D. A is false, but R is true

18. A government official is reviewing a proposal to create a 'Green School' initiative. Consider the following components:

1. Waste segregation into dry waste (blue bins), wet waste (green bins), and recyclable materials
2. Painting school roofs white to reflect sunlight and reduce electricity consumption
3. Creating compost pits for wet waste and organic manure production
4. Increasing cemented areas to prevent waterlogging

Which components would be MOST effective for environmental sustainability?

Options:

- A. Only 1, 2 and 3

- B. Only 2, 3 and 4
 C. Only 1, 2 and 4
 D. All of the above
19. Consider the following statements about unique ecosystems in India:
1. Mangrove forests have special roots that help trees breathe in muddy salt water and prevent coastal erosion
 2. Endemic species are found exclusively in specific geographical areas
 3. Coral reefs provide shelter but have no significant ecosystem impact
 4. Andaman and Nicobar Islands and Western Ghats are biodiversity hotspots
- Which statements is/are correct?
- Options:
- A. Only 1, 2 and 4
 B. Only 1 and 3
 C. Only 2, 3 and 4
 D. Only 1, 3 and 4
20. Consider traditional Indian practices and their scientific basis:
1. Clay pots (matkas) keep water cool through evaporative cooling without electricity
 2. Traditional preservation using salt, sugar, and spices demonstrates understanding of microbial control
 3. Cow dung and mud floor cleaning served only aesthetic purposes
 4. Diversity in culture parallels biodiversity—variety makes systems stronger
- Additionally, which traffic measures improve school safety?
- Options:
- A. Only 1, 2 and 4; Signboards, speed limits, pedestrian crossings
 B. Only 1 and 3; Only vehicle parking
 C. Only 2, 3 and 4; No special measures needed
 D. All correct; Traffic measures irrelevant
21. Which of the following is not one of India's major physiographic divisions?
- Options:
- A. Northern Mountains
 B. Indo-Gangetic Plains
 C. Great Indian Desert
 D. Central Highlands
22. Assertion (A): The Peninsular Plateau is the oldest landform in India.
 Reason (R): It is composed of ancient crystalline and metamorphic rocks.
- Options:
- A. A and R are true, and R explains A
 B. A and R are true, but R does not explain A
 C. A is true, R is false
 D. A is false, R is true

23. Match the range with its characteristic:
- | Range | Characteristic |
|--------------------|--|
| 1. Shivaliks | Q. Foothills with sand-gravel deposits |
| 2. Lesser Himalaya | R. Also called Himachal, with hill stations |
| 3. Great Himalaya | P. Highest snowy peaks, including Everest |
| 4. Vindhyas | S. Central highlands forming peninsular edge |
- Options:
- A. 1–Q, 2–R, 3–P, 4–S
 B. 1–R, 2–Q, 3–P, 4–S
 C. 1–Q, 2–P, 3–R, 4–S
 D. 1–P, 2–Q, 3–R, 4–S
24. Which river does not originate from the Himalayas?
- Options:
- A. Indus
 B. Brahmaputra
 C. Yamuna
 D. Narmada
25. Which region of India experiences a rain shadow effect due to the Western Ghats?
- Options:
- A. Konkan Coast
 B. Malabar Coast
 C. Deccan Plateau eastern side
 D. Western Coastal Plains
26. Alluvial soils are highly fertile because they:
- Options:
- A. Contain high organic content from forest litter
 B. Consist of fine sediments deposited by rivers
 C. Are formed by weathering of igneous rocks
 D. Contain gypsum and salt deposits
27. Assertion (A): The Thar Desert has extremely sparse vegetation.
 Reason (R): Low and erratic rainfall restricts plant growth in the region.
- Options:
- A. A and R are true, and R explains A
 B. A and R are true, but R does not explain A
 C. A is true, R is false
 D. A is false, R is true
28. Match vegetation type to region:
- | Type | Region |
|--------------------|------------------------------------|
| Tidal Mangroves | Eastern and Western Coastal Plains |
| Alpine Forests | Upper Himalayas above temperate |
| Tropical Evergreen | Western Ghats and NE India |
| Thorn Forests | Rain Shadow areas of Rajasthan |
- Options:
- A. 1–P, 2–Q, 3–R, 4–S
 B. 1–R, 2–Q, 3–P, 4–S
 C. 1–P, 2–R, 3–Q, 4–S
 D. 1–S, 2–Q, 3–R, 4–P

29. The Gir National Park in Gujarat is famous for conservation of:
Options:
A. Asiatic Lion
B. Bengal Tiger
C. One-horned Rhinoceros
D. Snow Leopard
30. Which mode of transport is most suitable for hilly and mountainous regions?
Options:
A. Broad-gauge railways
B. Roads with hairpin bends
C. Inland waterways
D. High-speed bullet trains
31. Which of these was a key feature of the Indus Valley Civilization?
Options:
A. Use of iron tools
B. Planned cities with grid-pattern streets
C. Construction of large Buddhist stupas
D. Monarchical lineage
32. Assertion (A): Harappan script remains undeciphered even today.
Reason (R): There are no bilingual inscriptions to provide a key.
Options:
A. A and R true, R explains A
B. A and R true, R does not explain A
C. A true, R false
D. A false, R true
33. Match the Mahajanapada to its capital:
1. Magadha – P. Vaishali
2. Kosala – Q. Rajagriha
3. Vajji – R. Kushinagar
4. Vatsa – S. Kaushambi

Options: A. 1–Q, 2–R, 3–P, 4–S
B. 1–P, 2–Q, 3–R, 4–S
C. 1–Q, 2–R, 3–S, 4–P
D. 1–S, 2–Q, 3–P, 4–R
34. Who compiled the teachings of Buddha into the Tripitaka?
Options:
A. Ashoka
B. Upali and Ananda
C. Chandragupta
D. Kautilya
35. Which emperor's inscription at Dhauili Rock Edict emphasises dhamma (moral law)?
Options:
A. Chandragupta Maurya
B. Ashoka
C. Samudragupta
D. Harshavardhana

36. The Gupta period is often called the “Golden Age” because of:
Options:
A. Widespread use of gold coins and flourishing arts and sciences
B. Establishment of the first republics
C. Introduction of iron smelting
D. Founding of new Buddhist monasteries
37. Assertion (A): The caste system originally had four varnas based on occupation.
Reason (R): Over time, jatis (sub-castes) proliferated, making the system complex.
Options:
A. A and R true, R explains A
B. A and R true, R does not explain A
C. A true, R false
D. A false, R true
38. Which Mughal emperor built the Emperor’s House (Diwan-i-khas) at Fatehpur Sikri?
Options:
A. Akbar
B. Shah Jahan
C. Aurangzeb
D. Jahangir
39. The Charter Act of 1813 was significant because it:
Options:
A. Ended the East India Company’s monopoly on Indian trade except tea and China trade
B. Abolished slavery throughout the British Empire
C. Declared India a crown colony
D. Granted universal franchise
40. Which movement did Mahatma Gandhi start in 1920 to protest colonial rule?
Options:
A. Non-Cooperation Movement
B. Civil Disobedience Movement
C. Quit India Movement
D. Swadeshi Movement
41. Which one of the following correctly pairs the initiative and its objective?
Options:
A. India’s “Operation Sindhu” (2025) :Evacuation of Indian nationals from Iran amid the Israel-Iran conflict

B. IRCTC’s new “Bharat Gaurav” train on the Rameswaram-Tirupati route (2025): Launching India’s first high-speed semi-bullet corridor in South India

C. Andhra Pradesh recorded 99 lightning deaths in 2023: highest in South India and part of a central government “Lightning Early-Warning” initiative

D. India will host the 2030 Commonwealth Games :Ahmedabad selected over Nigeria, with formal ratification pending
42. Assertion (A): The Indian Railways plan to develop 7,000 km of high-speed passenger corridors including hydrogen-powered trains.

Reason (R): This aligns with India's "Make in India" initiative and the national net zero target of 2070, emphasising indigenous design and green mobility.

Options:

A. A and R are true and R is the correct explanation of A.

B. A and R are true but R is not the correct explanation of A.

C. A is true but R is false.

D. A is false but R is true.

43. Which of the following is a correct pairing of region & issue reported between 2023-2025?

Options:

A. Kerala – Discovery of the third otter species in the state, adding to its mammal list (Jan 2024).

B. Karnataka – Record high amphibian species discovery in the Western Ghats (2024)

C. Andhra Pradesh – Highest lightning-related deaths in South India in 2023 (99 fatalities)

D. Tamil Nadu – First hydrogen-powered rail corridor commissioned in 2024

44. In the context of international trade, what major warning did the World Bank issue regarding South Asia's growth in 2026?

Options:

A. Growth may drop to 5.8% due to U.S. tariffs on Indian exports

B. South Asia's growth will reach 7.2% thanks to increased investment inflows

C. India's growth will be unaffected due to strong domestic consumption

D. Indian garment exports are fully exempt from new U.S. tariffs

45. During the April 2024 Indian general election in Kerala, the UDF alliance achieved a significant seat victory, but the Bharatiya Janata Party (BJP) also won a Lok Sabha seat in Thrissur ; its first in the state.

What are the likely implications of this development for federal politics in India?

Options:

A. It suggests BJP's expanding footprint in Kerala, a traditional Congress/CPI(M) stronghold

B. It may reshape seat-sharing dynamics in future alliances under the "INDIA" bloc

C. It indicates that regional issues like coastal development and youth jobs are shifting voter behaviour

D. All of the above

46. Which of the following correctly describes an Indian-Ocean / maritime strategic development by India?
Options:
- A. India launched the largest-ever joint naval exercises in the Indian Ocean region in 2025, co-hosted with African nations such as Kenya and Mauritius.
 - B. India signed a treaty in 2024 making the entire Lakshadweep archipelago a free trade zone under its maritime strategy.
 - C. India's first indigenous nuclear-submarine fleet was commissioned at Kochi in 2025, making India the third country in the world to have three nuclear-submarine fleets.
 - D. India formally exited the Indian Ocean Rim Association (IORA) in 2025 in favour of a bilateral treaty with Australia.
47. Assertion (A): The International Monetary Fund (IMF) in 2025 revised India's growth forecast downward to 6.2% due to global trade-tariff pressures.
- Reason (R): India's economy is heavily dependent on exports, making it highly vulnerable to external tariff shocks.
- Options:
- A. A and R are true and R is the correct explanation of A
 - B. A and R are true but R is not the correct explanation of A
 - C. A is true but R is false
 - D. A is false but R is true
48. Which of the following pairs of city/airport and reported fact is correct?
Options:
- A. Mangaluru International Airport (MIA) – Achieved a 10.9 % growth in passenger traffic (April-Sept 2025) including a 22.1 % jump in international passengers.
 - B. Thiruvananthapuram International Airport – Commissioned India's first solar-powered terminal in 2024.
 - C. Hyderabad's Rajiv Gandhi International Airport – Recorded the world's longest domestic flight in 2025.
 - D. Cochin International Airport – Reported a net loss for the first time in its history in FY2024.
49. During India's bid to host the Commonwealth Games in 2030, which one of these statements is correct?
Options:
- A. India selected Ahmedabad over Nigeria for the 2030 Games, pending formal ratification in November 2025.

- B. The 2030 Commonwealth Games were formally awarded to India in January 2025 with no challenges to the decision.
- C. India declined to host the 2030 Games in favour of co-hosting with Bangladesh and Sri Lanka.
- D. The IOC (International Olympic Committee) personally committed to funding the event's infrastructure in Ahmedabad.
50. Which of the following correctly captures the aim of the current multinational legal/mediation conference held in India?
Options:
A. The Annual Litigation Conference 2025 in Chandigarh, themed "Comity of Courts and International Legal Cooperation", called for India to become a global arbitration hub.
- B. India hosted the first UN-led Artificial Intelligence Ethics summit in Kerala in August 2025, drafting a binding treaty for autonomous weapons.
- C. The "Global Mediation Week 2024" in Kochi resolved to replace the British legal system in India with a hybrid system.
- D. A summit in Chennai 2025 announced India's exit from the Hague Convention on Mediation in favour of ASEAN mediation frameworks.
51. In which Indian state is the *Keezhadi* archaeological site located?
Options:
A. Kerala
- B. Karnataka
- C. Tamil Nadu
- D. Andhra Pradesh
52. In December 2024, India-China held a meeting of Special Representatives on which issue?
Options:
A. Trade tariffs
- B. Himalayan boundary dispute
- C. Technology transfer
- D. Maritime delimitation
53. The India-Middle East Economic Corridor (IMEC) emphasises resolving which conflict as key for its progress?
Options:
A. Ukraine-Russia
- B. Kashmir

- C. Israel-Palestine
- D. South China Sea
54. In September 2025, India signed a bilateral investment agreement with which country amid the Israel-Palestine war?
- Options:
- A. Egypt
- B. Israel
- C. Jordan
- D. Saudi Arabia
55. Which sport in India introduced the Decision Review System (DRS) for junior national matches in July 2025?
- Options:
- A. Tennis
- B. Volleyball
- C. Cricket
- D. Badminton
56. Who won the 2025 Australian Open men's singles?
- Options:
- A. Sumit Nagal
- B. Jannic sinner
- C. Alexander zwereve
- D. R.Nathal
57. The 2025 Women's Asian Cup Final was held in which South Indian city?
- Options:
- A. Bengaluru
- B. Chennai
- C. Hyderabad
- D. Kochi
58. In September 2025, India voted in favour of a United Nations resolution supporting a..... state solution for Palestine.
- Options:
- A. One
- B. Two

- C. Three
- D. Four
59. In early 2025, India amended its trade policy to regulate app imports from China citing data-security concerns.
Options:
A. Video-streaming
- B. Mobile
- C. Payment
- D. Gaming
60. The Kochi International Half-Marathon 2025 reported participants from how many countries?
Options:
A. Fifteen
- B. Twenty
- C. Twenty-five
- D. Thirty
61. Despite the heavy storm, the ship managed to stay..... and did not capsize.
Options:
A. buoyant
B. buoyed
C. buoying
D. buoyantly
62. Identify the phrasal verb that means “to reveal a secret”:
Options:
A. let down
B. let off
C. let out
D. let in
63. Select the correctly formed sentence:
Options:
A. Neither of the boys have completed their work.
B. Neither of the boys has completed their work.
C. Neither of the boys have completed his work.
D. Neither of the boys have completed his work.
64. Replace the underlined phrase with an idiom: "She gave up easily."
Options:
A. She threw in the towel.
B. She jumped the gun.
C. She blew her top.
D. She beat around the bush.
65. Fill the blank with the correct preposition: "He is proficient three languages."

- Options:
A. on
B. at
C. in
D. with
66. Choose the synonym of “candid”:
Options:
A. secretive
B. dishonest
C. frank
D. misleading
67. Identify the error in the sentence: "Each of the players were ready for the match."
Options:
A. Each
B. Of
C. Were
D. For
68. Choose the sentence that uses the subjunctive mood correctly:
Options:
A. If I was you, I would apply.
B. If I were you, I would apply.
C. If I am you, I would apply.
D. If I be you, I would apply.
69. Select the correct passive form of: "They will complete the project next week."
Options:
A. The project will complete by them next week.
B. The project will be completed next week.
C. The project will be completing next week.
D. The project completion will be next week.
70. Identify the meaning of the idiom "kick the bucket":
Options:
A. To fail
B. To die
C. To jump high
D. To travel

Read the passage and answer the questions (71-75).

The old library was a sanctuary amidst the bustling city. Every book had a story to tell, not just within its pages, but through the worn leather and yellowed edges. The scent of aged paper was both comforting and solemn, invoking memories and inspiration alike.

71. The word “sanctuary” most nearly means:
Options:
A. marketplace
B. refuge
C. warehouse
D. border
72. The phrase “worn leather and yellowed edges” is an example of:
Options:
A. simile

- B. metaphor
 - C. imagery
 - D. hyperbole
73. Which feeling is evoked by the scent described?
Options:
- A. Fear
 - B. Loneliness
 - C. Comfort and reflection
 - D. Joy and celebration
74. The description suggests the library is:
Options:
- A. Modern and new
 - B. Old and treasured
 - C. Noisy and chaotic
 - D. Small and cramped
75. The passage's tone can be described as:
Options:
- A. Harsh
 - B. Nostalgic
 - C. Aggressive
 - D. Indifferent
76. Correct the sentence: "He don't know the answer."
Options:
- A. He does not know the answer.
 - B. He do not know the answer.
 - C. He doesn't knows the answer.
 - D. He don't knows the answer.
77. Choose the word with the correct spelling:
Options:
- A. Recomend
 - B. Recommend
 - C. Recomand
 - D. Recommand
78. Select the sentence with correct grammar:
Options:
- A. She can sings very well.
 - B. She can singing very well.
 - C. She can sing very well.
 - D. She can sang very well.
79. Which of these is an antonym of "magnify"?
Options:
- A. Amplify
 - B. Diminish
 - C. Increase
 - D. Multiply
80. Choose the correct usage:
"The manager asked if anyone the report."
Options:
- A. finishes
 - B. finished

- C. has finished
D. finishing
81. The product of the numbers is 9. The reciprocal of one of these numbers is 4 times the reciprocal of the other number. What is the sum of the two numbers?
Options:
A). $\frac{10}{3}$

(B). $\frac{20}{3}$

(C) . 7

(D). $\frac{15}{2}$
82. $2^{73} - 2^{72} - 2^{71}$ is the same as :

Options:
(A) 269
(B) 270
(C) 271
(D) 272
83. Simplify : $\frac{(0.2 \times 0.2 + 0.01)}{(0.1 \times 0.1 + 0.02)}$

Options:
(A) $\frac{5}{3}$

(B) $\frac{41}{12}$

(C) $\frac{41}{4}$

(D) $\frac{9}{5}$
84. 11 oranges are bought for ₹10 and 10 oranges are sold for ₹11. The gain/loss percent is
Options:
(A) 21% loss
(B) 11% gain
(C) 21% gain
(D) 11% loss
85. Study the following statements and select the correct option.

Statement-1: In an isosceles triangle, if one of its equal angles is 52° , then the greatest angle is of measure 76° .

Statement-2: If an exterior angle of a triangle is a right angle, then each of its interior opposite angles are acute.

Options:

(A) Statement-1 is true, but Statement-2 is false.

(B) Statement-1 is false, but Statement-2 is true.

(C) Both Statement-1 and Statement-2 are true.

(D) Both Statement-1 and Statement-2 are false.

86. The mode and median of the given data : 21, 23, 25, 23, 21, 24, 22, 20, 23 respectively, are
Options:

(A) 23,23

(B) 21,23

(C) 25,21

(D) 23,21

87. Which of the following set of lengths could be the lengths of the sides of a right-angled triangle?

Options:

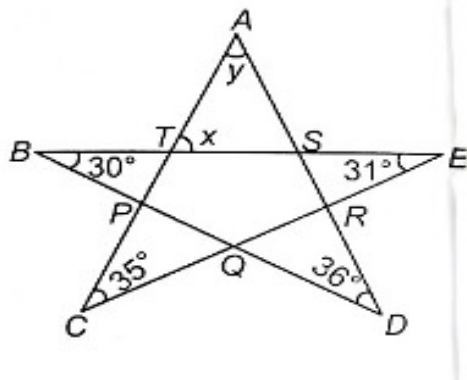
(A) 3 cm, 4 cm, 6 cm

(B) 9 cm, 16 cm, 26 cm

(C) 1.5 cm, 3.6 cm, 3.9 cm

(D) 7 cm, 24 cm, 26 cm

88. Find the values of x and y respectively.



(Refers to star-shaped diagram with angles marked as:

$\angle CBP = 25^\circ$, $\angle QDC = 36^\circ$, $\angle ABT = 30^\circ$, $\angle ESR = 31^\circ$)

Options:

- A. (A) $x = 47^\circ$, $y = 66^\circ$
- B. (B) $x = 66^\circ$, $y = 48^\circ$
- C. (C) $x = 68^\circ$, $y = 47^\circ$
- D. (D) $x = 47^\circ$, $y = 68^\circ$

89. If 'x' denotes '-', '+' denotes '÷', '-' denotes '+' and '÷' denotes 'x', then what is the value of $136 + 4 \div 5 - 68 \times 75$?

Options:

- (A) 165
- (B) 146
- (C) 173
- (D) 163

90. Manish walks 10m towards South. From there, he walks 6 m towards North. Then he walks 3 m towards West. How far and in which direction is he now with respect to his starting point?

Options:

- A. 7 m, North-West
- B. 5 m, South-East
- C. 5 m, South-West
- D. 7 m, North-East

91. Select the odd one out.

Options:

- A. 43
- B. 80
- C. 15
- D. 90

92. How many such digits are there in the number 57692483, which after rearranging the digits of the number in descending order from left to right will remain at the same position as before the rearrangement?

Options:

- (A) None
- (B) One
- (C) Two
- (D) Three

93. Which of the following letters has reflectional symmetry about both horizontal and vertical mirrors?

Options:

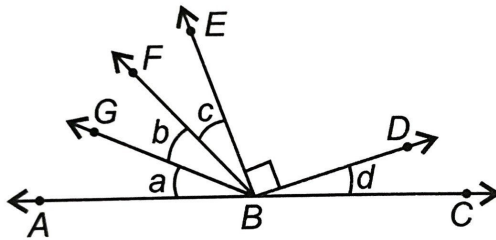
- (A) A
- (B) C
- (C) U
- (D) H

94. Pointing to Kartik, Vivan said, "His mother's brother is the father of my son Nitin."
How is Kartik related to Vivan?

Options:

- (A) Uncle
- (B) Brother
- (C) Nephew
- (D) Father

95. In the given figure (not drawn to scale), ABC is a straight line, $\angle DBE$ is a right angle and $\angle a = \angle b = \angle c = \angle d$. Find $\angle a$.



Options:

- (A) 22.5°
- (B) 30°
- (C) 45°
- (D) 60°

96. The mean of 5 numbers is 20. If one number is excluded, mean of the remaining numbers becomes 23, then the excluded number is

Options:

- A. 4
- B. 92
- C. 100
- D. 8

97. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

Options:

- A. Rs. 375
- B. Rs. 400
- C. Rs. 600
- D. Rs. 800

98. The average weight of 8 person's increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person?

Options :

- A. 76 kg
- B. 76.5 kg
- C. 85 kg

- D. Data inadequate
99. The sum of the present ages of a father and his son is 60 years. Six years ago, father's age was five times the age of the son. After 6 years, son's age will be:
Options:
A. 12 years
B. 14 years
C. 18 years
D. 20 years
100. Insert the missing number.
7, 26, 63, 124, 215, 342,
Options:
A. 481
B. 511
C. 391
D. 421

End

Use for rough work

Use for rough work

