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EXAM ID. - 9647

HSSC CET MAINS

TEST SERIES

DATE - __/__/__

DAY -

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

A - 101

QUESTION – 100

MARKS – 100

NEGATIVE MARK – 0

DURATION – 90 MIN

1. Use only ball pens with black or blue ink
2. As soon as the examination starts, you must check this question booklet and if there is any unprinted, mutilated or partially printed page or question in it, then replace it with the correct question booklet through Abhijagar.
3. There are total 100 questions in this question booklet.
4. This is an objective test, in which four options are given for the answer to each question, you have to choose only one option with the correct answer out of these four options.
5. Answers to all questions are to be written on separate answer sheets.
6. Instructions for filling the answer sheet are written on the back side of the answer sheet, read them carefully before filling the answer sheet.
7. Blank pages are available in this question booklet for rough work.
8. Candidates cannot leave the room before the end of the examination.
9. After the examination is over, you can go out with his permission by submitting the ORIGINAL COPY of the answer sheet to the invigilator.
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11. 1 marks will be given for each correct answer and 0 marks will be deducted for each wrong answer.



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- Which festival is organized on the Chaturthi of Krishna Paksha of Bhadrapada month (August-September)?**
 - Devothni Gyaras
 - Bhaiya Dooj
 - Ganesh Chaturthi
 - Deepawali
- The traditional jewelry 'Ramjhol' is related to?**
 - hard
 - cheeky
 - Payal
 - Hiranami
- In which city is Kanod fort located?**
 - Mahendragarh
 - Narnaul
 - Hansi
 - Thanesar
- Which of the following fort is called Singhdwar of Haryana?**
 - Bahadurgarh Fort
 - Jind Fort
 - Mehm Fort
 - Kanod Fort
- Which king built the famous Brahma Sarovar of Kurukshetra?**
 - King Kuru
 - King Bharata
 - Pandavas
 - Ashoka
- Which of the following statement is correct?**
 - Bagri dialect is spoken in the areas of Bhiwani, Hisar, Sirsa district of Haryana
 - Mewati language is spoken in the Mewat region of the state
 - The vocabulary of Brajbhasha is found similar to that of Bangru
 - All of the above
- Match the List I (Herbal Park) List I (District)**

A. Harad Vatika	1. Gurugram
B. Kadipur Herbal Park	2. Faridabad
C. Amla Herbal Park	3. Ambala
D. Ratanjot Vatika	4. Mahendragarh

code ABCDABCD

 - 1 2 3 4
 - 2 4 3 1
 - 3 4 1 2
 - 4 1 2 3
- How many power generating stations have been set up in the Western Yamuna Canal Hydroelectric Project?**
 - two
 - four
 - eight
 - twelve
- Where is the oldest railway station of Haryana, which was built in 1873 AD?**
 - Ambala
 - Rewari
 - Sirsa
 - Hansi
- In which assembly was the President's rule imposed for the first time in Haryana?**
 - First
 - Second
 - third
 - fourth
- Under which act the Family Court was established?**
 - Family Court Act, 1980
 - Village Nyayalaya Act, 1976
 - Family Court Act, 1985
 - none of the above
- Which provision is related to section 164 of Haryana Panchayati Raj Act, 1994 ?**
 - preparing voters' list
 - making false declaration
 - electoral division
 - none of these
- Which of the following statements are correct regarding Rohtak?**
 - Rohtak does not share the border with any other state
 - Rewari and Gajak of Rohtak are famous
 - Nehru was the chief guest in a meeting in Rohtak in the year 1929
 - All of the above
- Which of the following bird is the state bird of Haryana?**
 - Asian Cuckoo
 - Black Dongo
 - Indian Peacock
 - Black Francolin
- What is the state flower of Haryana?**
 - Lotus
 - गुलाब
 - Sunflower
 - Jasmine
- At which pilgrimage place in Kurukshetra Lord Krishna preached the Gita to Arjuna?**
 - Markandeya Teerth
 - Jyotisar Teerth
 - Brahmakund
 - Kaleshwar Teerth
- Which title did Babur adopt for his generosity after the Khanwa war?**
 - जहांपना
 - बादशाह
 - कलंदा
 - वर्जरिजम
- Which of the following princely states was attached to Western Haryana?**
 - Nabha
 - Bikaner
 - Jaipur
 - Patiala
- In which of the following areas, millet, gram, wheat and pulses are being cultivated by drip irrigation?**
 - Flood plain
 - Giripad plain
 - plains containing sand dunes
 - all these

20. Where is the soil of hilly region found in Haryana?

- (a) on the hill of Morni (b) on the hill of Shivalik
(c) on the hill of Aravalli (d) All of the above

21. निम्न में से पत्र का कौन - सा भेद नहीं है?

- (a) सम्बन्धियों के पत्र (b) शोक पत्र
(c) बधाई पत्र (d) भोज पत्र
(e) इनमें से कोई नहीं

22. समय के अनुसार काम करना चाहिए' अर्थ की बोधक लोकोक्ति है-

- (a) जैसी बहै बायर, पीठ तब तैसी दीजै (b) जाके पांव न फटी बिवाई सो नया जाने पीर पराई
(c) उँगली पकड़ कर पहुँचा (d) का बरसा जब कृषि सुखाने पकड़ना
(e) इनमें से कोई नहीं

23. शुद्ध वर्तनी का चयन कीजिए-

- (a) अन्तर्धान (b) अन्तर्धान
(c) अन्तरधान (d) अन्तः ध्यान
(e) इनमें से कोई नहीं

24. अनुशासन के अभाव में विद्यार्थियों में उच्छ्रंखलता आती है।

- (a) उच्छ्रंखलता (b) उच्च श्रंखलता
(c) उश्रंखलता (d) उश्र्खलता
(e) इनमें से कोई नहीं

25. निम्नलिखित में स्वर संधि वाला शब्द नहीं है:

- (a) अभीष्ट (b) जानकीश
(c) देवीच्छा (d) तल्लीन
(e) इनमें से कोई नहीं

26. Direction: Choose the English translation of the given word from the following:
संलग्नक

- (a) Bookmark (b) Attachment
(c) Illegal (d) Evidence
(e) None of these

27. Direction: Choose the Hindi translation of the given word from the following:
Equity

- (a) दोषसिद्धि (b) न्यायपरस्ता
(c) आज्ञापत्र (d) शिकायत
(e) None of these

28. (28 – 30) Directions: Read the following passage and answer the given questions:

Religion and science have often been viewed as having conflicting ideologies, with one relying on faith and the other on evidence. However, many argue that these two concepts can coexist and even complement each other. Religion can provide a moral framework and a sense of

purpose, while science can explain the natural world and how it operates. One way in which religion and science can coexist is through the concept of intellect. Religion provides a moral framework and a sense of purpose, while science explains the natural world and how it operates. One example of this coexistence is in the study of the origins of the universe. Many religions have creation myths that describe how the world came to be, while science has the Big Bang theory. Both perspectives offer unique insights and understandings of the origins of the universe, and neither necessarily contradicts the other.

In conclusion, religion and science are not mutually exclusive. They can coexist and even complement one another, providing a deeper understanding of the world and our place in it. Both offer unique perspectives and insights, and neither necessarily contradicts the other. The key is to approach each with an open mind and a willingness to consider different perspectives. Give an example of how religion and science coexist in the study of the origins of the universe.

- (a) Many religions have creation myths, while science has the Big Bang theory.
(b) Scientists have used telescopes and other observational techniques to study the history of the universe, while theologians have used scriptures.
(c) The universe is believed to have been created by the god Brahma.
(d) The big bang theory is a scientific explanation for the origins of the universe.
(e) None of these

29. What is the key to approaching religion and science according to the passage?

- (a) Religion and science can both provide valuable insights and understanding.
(b) The key is to approach each with an open mind and a willingness to consider different perspectives.
(c) The key is to avoid conflating the two; religion and science are mutually exclusive.
(d) Many religious beliefs are not in opposition to scientific facts and theories.
(e) None of these

30. What is the relationship between religion and science?

- (a) Religion and science have had a simple relationship throughout history.
(b) Science is a systematic method for understanding the natural world.
(c) Religion and science can coexist and even
(d) Science is seen as a threat to traditional

- complement each other.
- (e) None of these
- 31. Which among the following is the latest version of Microsoft Windows?**
- (a) Microsoft Office 365 (b) Windows 9.1
(c) Windows 10 (d) Windows 8.1
- 32. The two ways to arrange multiple windows on the desktop are:**
- (a) cascade and tile (b) drag and drop
(c) point and click (d) minimize and maximize
- 33. The coding language used to create documents for use on the Internet is _____.**
- (a) HTML (b) HSMT
(c) HLTM (d) All of these
(e) None of these
- 34. Which among the following is the smallest unit in an image in a computer screen?**
- (a) Unit (b) Pixel
(c) Array (d) Resolution
(e) Clip
- 35. By what name are two or more fields of a database table called when they are collectively used to specify the primary key?**
- (a) Composite key (b) Primary key
(c) Foreign key (d) Candidate key
- 36. Which of the following fields of an e-mail hides the identity of the recipients?**
- (a) To (b) From
(c) CC (d) Bcc
- 37. The dbase III plus is mostly used for which of the following?**
- (a) Office automation (b) Database management problems
(c) Scientific problems (d) Calculations only
- 38. The capacity to perform multiple tasks simultaneously is termed as _____**
- (a) Diligence (b) Versatility
(c) Reliability (d) All of these
- 39. What is MIME?**
- (a) A transport agent for E-mail (b) An interface between the mail client and the web server
(c) A compressor that packages different formats into SMTP (d) All of the above
- compatible type
- 40. DHTML stands for _____**
- (a) Dynamic hyper text markup language (b) Dynamic hyper text main language
(c) Digital hyper text language (d) Digital hyper text markup language
- 41. If the ratio of speed of boat in still water and speed of current is 8 : 1. If the boat covers 36 km in downstream and 42 km in upstream then total time taken is 5 hrs; Find speed of current?**
- (a) 4 km/hr (b) 3 km/hr
(c) 2 km/hr (d) 1 km/hr
(e) None of these
- 42. Which property of the geometrical figures are not true?**
- (a) A segment of a circle is a region in the interior of the circle enclosed by an arc and a chord (b) A ray has only one end point (its initial point)
(c) Two adjacent angles have a common vertex and a common arm but no common interior (d) The difference between the lengths of any two sides of a triangle is greater than the length of the third side.
(e) None of these
- 43. From a 32m high building, Ram of height 3.5m is standing at some distance. When he moves towards the building, the angle of elevation increases from 30° to 60° . Calculate how much distance he covered towards the building?**
- (a) $13\sqrt{3}$ m (b) $17.67\sqrt{3}$ m
(c) $17\sqrt{3}$ m (d) $19\sqrt{3}$ m
(e) None of these
- 44. The radius of base and volume of cylinder are 14 cm and 2464 cm^3 . Find $11\frac{1}{9}\%$ of the difference between the numerical value of curved surface area and the diameter of base.**
- (a) 28 (b) 30
(c) 36 (d) 54
(e) None of these
- 45. A fruit-seller incurs loss equal to selling price of $(x - 6)$ mangoes by selling $(x + 6)$ mangoes. If the loss percentage incurred is equal to 15%, find the value of x .**
- (a) 9 (b) 8.5
(c) 7.5 (d) 10
(e) None of these

46. Let x and y be positive integers such that x is prime and y is composite. Which of the following statements are correct?

- 1) $(y - x)$ can be an even integer
- 2) xy can be an even integer
- 3) $0.5(x + y)$ can be an even integer

Select the correct answer using the code given below

- (a) 1 and 2 only (b) 2 and 3 only
 (c) 1 and 3 only (d) 1, 2 and 3
 (e) None of these

47. In an organization with number of employees 160, the average salary of peons is Rs. 14000 and the average salary of officers is Rs. 46000. The organization pays an average salary of Rs. 26000 to its employees. If the number of men is same as the average of number of peons and twice the number of officers and each man earns $(3/13)$ times the average salary paid by the organization to its employees, then find the total salary of the men.

- (a) Rs. 66,000 (b) Rs. 6,60,000
 (c) Rs. 60,000 (d) Rs. 6,66,000
 (e) None of these

48. Ranjith can complete a task in 25 days while Anjali can finish it in 20 days. They work together on the task for 5 days and then Ranjith leaves. In how many days will Anjali finish the remaining work?

- (a) 15 days (b) 10 days
 (c) 11 days (d) 9 days
 (e) None of these

49. $(2/9)$ of 4545 + 62.5% of 512 = $x^3 - 1$, then find the value of x ?

- (a) 10 (b) 11
 (c) 21 (d) 14
 (e) None of these

50. An equation, whose roots are the reciprocals of the roots of the equation $5x^2 - 3x - 4 = 0$, is:

- (a) $4x^2 - 3x + 5 = 0$ (b) $4x^2 + 3x - 5 = 0$
 (c) $4x^2 - 3x - 5 = 0$ (d) $4x^2 + 3x + 5 = 0$
 (e) None of these

51. Find the value of $5/8$ of 64% of 20% of 4000

- (a) 220 (b) 320
 (c) 322 (d) 250
 (e) None of these

52. In a circle O is the center and the length of diameter and one chord is 25 cm and 21 cm respectively. Then find the perpendicular distance from center to the chord.

- (a) $\sqrt{46}$ cm (b) $\sqrt{23}$ cm
 (c) $\sqrt{21}$ cm (d) $\sqrt{34}$ cm
 (e) None of these

53. Find the area of the rhombus with diagonals of 18 cm and 15 cm.

- (a) 90 cm² (b) 99 cm²
 (c) 135 cm² (d) 183 cm²

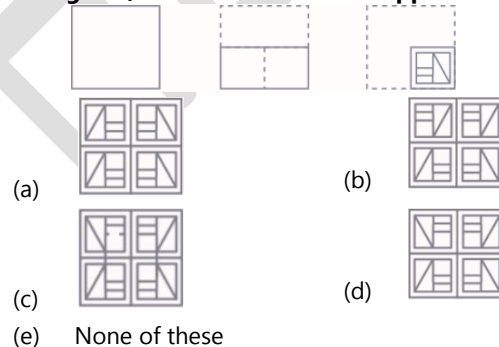
54. The average of x , y and z is equal to 13. If the average of y and z is 6 less than x , then find the value of x .

- (a) 14 (b) 15
 (c) 16 (d) 17

55. The following observations are arranged in ascending order: 11, x , 22, $x + 9$, 34, 37, 48. The median of the data is 28, find the value of x .

- (a) 22 (b) 19
 (c) 20 (d) 21

56. A piece of paper is folded and folded as shown in the figures given below. From the answer figures given, indicate how it will appear when opened.



57. If $A + B$ means A is the husband of B , A/B means A is the sister of B and $A * B$ means A is the son of B . Which of the following shows M is the daughter of N ?

- (a) $M/P*N$ (b) $M*/N/O$
 (c) $M + O*N$ (d) $P*M + O/N$
 (e) None of these

58. Which of the following devices is used to print very large drawings or complex line art by mechanical movement of a pen on paper?

- (a) Ink jet Printer (b) Scanner
 (c) Line Printer (d) Plotter
 (e) None of these

59. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

XC, QE, LI, IO, ?

- (a) JQ (b) HW

- (c) GX (d) KV
 (e) इनमे से कोई नहीं None of these

60. Rearrange the word in question and find the option most similar in meaning to rearranged word.

U S R P U E

- (a) SUPPORT (b) SEEK
 (c) RETREAT (d) QUIT
 (e) None of these

61. **DIRECTIONS:** In the question below are given few statements followed by few conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

Statements:

All papers are newspapers.

No pen is newspapers.

Some papers are books.

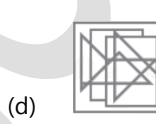
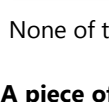
Conclusions:

I. No pen is paper

II. Some books are newspapers

- (a) Only conclusion I follows (b) Only conclusion II follows
 (c) Both conclusion I and conclusion II follows (d) Neither Conclusion I nor conclusion II follows
 (e) None of these

62. From the given answer figures, select the one in which the question figure is hidden/embedded.

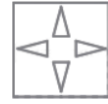


- (a) (b) (c) (d) (e) None of these

63. A piece of paper is folded and cut as shown in the question figures. From the given answer figures, indicate how it will appear when opened?



- (a) (b)



- (c) (d) (e) None of these

64. A box containing the denominations of twenty five paise coins, one rupee coins and two rupee coins amount to Rs.455. There are equal number of coins in all denominations. What is the value of twenty five paise coins in the box? (In Rs.)

- (a) 45 (b) 35
 (c) 25 (d) 15
 (e) None of these

65. In the question below is given a statement followed by some courses of action. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested course of action logically follow(s) for pursuing.

Statement: You are Head of Railway Department and recently, a train was derailed near a station in your district while moving over a bridge and fell into a river, resulting in the death of 20 peoples and more than 50 injured. What you do next?

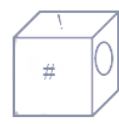
- (a) Clarify the reason for the accident to the respective Government. (b) The bridge and the railway track should be made strong enough to avoid such accidents in the future.
 (c) Try hiding the News of the accident so that no one can blame you. (d) Resign from the post of Head of the Railway Department of your district.
 (e) None of these

66. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

CE: IY:: AB:?

- (a) GT (b) VW
 (c) UI (d) AD
 (e) None of these

67. From the options, select the cube that cannot be formed by folding the given sheet.



- (a) (b)



(d) a & b

- (c)
(e) None of these

68. If $X - Y$ means that X is the mother of Y , $X \times Y$ means that X is the father of Y , $X \div Y$ means that X is the sister of Y , then which of the following expression shows that Q is the son of P ?

- (a) $P - Q \div R$ (b) $P - Q \times R$
(c) $Q - P \times R$ (d) $R \times Q - P$
(e) None of these

69. Present ages of Ashwini and Jagannath are in the ratio of 3 : 2. After 5 years, the ratio of ages of Ashwini and Ishan will be 1 : 2. If the present age of Ishan is 47 years, then after 5 years what will be the age (in years) of Jagannath?

- (a) 19 (b) 16
(c) 10 (d) 20
(e) None of these

70. In a certain code language, "rat lit mit zit pit" is written as "df kl rn gt ui", "sit kit lit hit bit" is written as "er no sd pq df", "wit nit jit zit kit" is written as "pq jn ui dc xz". What is the code for "kit" in that language?

- (a) dc (b) no
(c) sd (d) pq
(e) None of these

71. The leader of revolt of 1857 in Bihar was-

- (a) Maulvi Ahmadullah (b) Tatyta Tope
(c) Nana Sahib (d) Kunwar Singh

72. Who among the following leaders was the supporter of Swadeshi?

- (a) Aurobindo Ghosh (b) Firozshah Mehta
(c) Dadabhai Naoroji (d) Subhas Chandra Bose

73. Where did the British set up their first trading center in India?

- (a) Calcutta (b) Surat
(c) Bombay (d) Karnataka

74. By what name is a tropical storm in the China Sea known?

- (a) Tornado (b) Wave
(c) Typhoon (d) hurricane

75. Punchhi Commission report was related to ____.

- (a) fiscal federalism (b) electoral reform
(c) Centre-State Relations (d) creation of new state

76. What are the two major rivers that originate from the Amarkantak Plateau but flow in different directions?

- (a) Chambal and Betwa (b) Chambal and Son
(c) Narmada and Son (d) Narmada and Betwa

77. Which of the following scheme aims at providing affordable housing to the urban poor?

- (a) Clean India Movement (b) Pradhan Mantri Jan Dhan Yojana
(c) Pradhan Mantri Awas Yojana (d) Atal Pension Yojana

78. Which country is the largest producer and consumer of pulses in the world?

- (a) India (b) China
(c) United States of America (d) Brazil

79. Who was the Viceroy of India during the first Malabar Rebellion?

- (a) Lord Clive (b) Lord Reading
(c) Lord Chelmsford (d) None of these

80. Which is the highest mountain peak of peninsular India?

- (a) Dodabetta (b) Anai Mudi
(c) Mahendragiri (d) Eucalyptus

81. It is the main component used in making glass.

- (a) Sodium borate (b) sodium silicate
(c) Silica (d) calcium silicate

82. The gas used for artificial ripening of fruits is

- (a) ethane (b) methane
(c) ethylene (d) acetylene

83. The mass of a person on earth is 72 kg. If the value of G on the surface of the moon is $1/6$. The mass of the person on the moon will be:

- (a) 12 kg (b) 120 kg
(c) 72 kg (d) 432 kg

84. The first vaccine was developed?

- (a) By Louis Pasteur (b) by Edward Jenner
(c) by Karl Landsteiner (d) by Joseph Moster

85. There is a connective tissue present.

- (a) hard (b) liquid
(c) gentle (d) semi liquid

86. What is the process of creating a better adapted environment for living and for more procreation by organisms called?

- (a) natural selection (b) change

- (c) recombination (d) Non-random mating

87. Consists of crustaceans, prawns and crabs.

- (a) normal eye (b) compound eyes
(c) middle eye (d) zero eye

88. Which of the following organisms are known as chief producers in the oceans?

- (a) Dinoflagellates (b) Diatoms
(c) Euglenoids (d) Cyanobacteria

89. The best way to purify water at home is

- (a) By bleaching powder (b) By boiling
(c) By chlorination (d) By precipitation

90. Corrosion in metals is caused by ____.

- (a) Air (b) Moisture
(c) Oxidation (d) Water

91. Finance commission is -

- (a) Is a statutory body (b) Was made to replace Planning commission
(c) Executive body (d) Constitutional body
(e) None of these

92. Price theory is also known as ____.

- (a) Public Economics (b) Micro Economics
(c) Macro Economics (d) Development Economics
(e) None of these

93. Who gave the theory of Supply and Demand?

- (a) JB Shaw (b) Alfred Marshall
(c) JM Keynes (d) Amartya Sen
(e) None of these

94. According to the principle of comparative advantage,

- (a) Countries should specialize in the production of goods that they enjoy consuming. (b) Countries should specialize in the production of goods for which they have a lower opportunity cost of production than their trading partners.
(c) Countries should specialize in the production of goods for which they use fewer resources in production than their trading partners. (d) Countries with a comparative advantage in the production of every good need not specialize.
(e) None of these

95. Haryana was originally a/an _____ state

- (a) Agrarian (b) Industrial
(c) Mining (d) Educational
(e) None of these

96. Which of the following, spread over an area of 3162 km² and is a classic example of the Thar Desert's ecosystem and its diverse fauna?

- (a) Keoladeo National Park (b) Jaisalmer Desert National Park
(c) Ranthambore National Park of Sawai Madhopur (d) Sariska Tiger Reserve of Alwar
(e) None of these

97. An example of man-made disaster is:

- (a) Earthquake (b) Tsunami
(c) Chemical disaster (d) Land-slides
(e) None of these

98. When did India launch National Action Plan on Climate Change (NAPCC)?

- (a) 2008 (b) 2007
(c) 2002 (d) 2000
(e) None of these

99. In which year the Forest Rights Act was passed ?

- (a) 2006 (b) 1970
(c) 1975 (d) 1965
(e) None of these

100. Which one of the following regions of India is known as "biodiversity hot-spot" ?

- (a) Eastern Ghats (b) Thar desert
(c) Deccan plateau (d) Western Ghats
(e) None of these