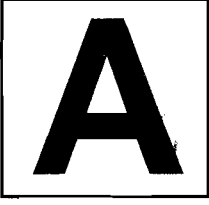


परीक्षा दिनांक - 30 नोव्हेंबर, 2014



2014

CODE : UO4

प्रश्नपुस्तिका क्रमांक

BOOKLET NO.

प्रश्नपुस्तिका
 चाळणी परीक्षा

एकूण प्रश्न : 100

एकूण गुण : 200

वेळ : 1 (एक) तास

सूचना

(1) सदर प्रश्नपुस्तिकेत 100 अनिवार्य प्रश्न आहेत. उमेदवारांनी प्रश्नांची उत्तरे लिहिण्यास सुरुवात करण्यापूर्वी या प्रश्नपुस्तिकेत सर्व प्रश्न आहेत किंवा नाहीत याची खात्री करून घ्यावी. असा तसेच अन्य काही दोष आढळल्यास ही प्रश्नपुस्तिका समवेक्षकांकडून लगेच बदलून घ्यावी.

परीक्षा-क्रमांक	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	↑ केंद्राची संकेताक्षरे							↑ शेवटचा अंक	

(2) आपला परीक्षा-क्रमांक ह्या चौकोनांत न विसरता बॉलपेनने लिहावा.

(3) वर छापलेला प्रश्नपुस्तिका क्रमांक तुमच्या उत्तरपत्रिकेवर विशिष्ट जागी उत्तरपत्रिकेवरील सूचनेप्रमाणे न विसरता नमूद करावा.

(4) या प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाला 4 पर्यायी उत्तरे सुचविली असून त्यांना 1, 2, 3 आणि 4 असे क्रमांक दिलेले आहेत. त्या चार उत्तरांपैकी सर्वात योग्य उत्तराचा क्रमांक उत्तरपत्रिकेवरील सूचनेप्रमाणे तुमच्या उत्तरपत्रिकेवर नमूद करावा. अशा प्रकारे उत्तरपत्रिकेवर उत्तरक्रमांक नमूद करताना तो संबंधित प्रश्नक्रमांकासमोर छायांकित करून दर्शविला जाईल याची काळजी घ्यावी. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.

(5) सर्व प्रश्नांना समान गुण आहेत. यास्तव सर्व प्रश्नांची उत्तरे द्यावीत. घाईमुळे चुका होणार नाहीत याची दक्षता घेऊनच शक्य तितक्या वेगाने प्रश्न सोडवावेत. क्रमाने प्रश्न सोडविणे श्रेयस्कर आहे पण एखादा प्रश्न कठीण वाटल्यास त्यावर वेळ न घालविता पुढील प्रश्नाकडे वळावे. अशा प्रकारे शेवटच्या प्रश्नापर्यंत पोहोचल्यानंतर वेळ शिल्लक राहिल्यास कठीण म्हणून वगळलेल्या प्रश्नांकडे परतणे सोईस्कर ठरेल.

(6) उत्तरपत्रिकेत एकदा नमूद केलेले उत्तर खोडता येणार नाही. नमूद केलेले उत्तर खोडून नव्याने उत्तर दिल्यास ते तपासले जाणार नाही.

(7) प्रस्तुत परीक्षेच्या उत्तरपत्रिकांचे मूल्यांकन करताना उमेदवारांच्या उत्तरपत्रिकेतील योग्य उत्तरांनाच गुण दिले जातील. तसेच " उमेदवाराने वस्तुनिष्ठ बहुपर्यायी स्वरूपाच्या प्रश्नांची दिलेल्या चार पर्यायांपैकी सर्वात योग्य उत्तरेच उत्तरपत्रिकेत नमूद करावीत. अन्यथा त्यांच्या उत्तरपत्रिकेत सोडविलेल्या प्रत्येक चार चुकीच्या उत्तरांसाठी एका प्रश्नाचे गुण वजा करण्यात येतील".

ताकीद

ह्या प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपेपर्यंत ही प्रश्नपुस्तिका आयोगाची मालमत्ता असून ती परीक्षाकक्षात उमेदवाराला परीक्षेसाठी वापरण्यास देण्यात येत आहे. ही वेळ संपेपर्यंत सदर प्रश्नपुस्तिकेची प्रत/प्रती, किंवा सदर प्रश्नपुस्तिकेतील काही आशय कोणत्याही स्वरूपात प्रत्यक्ष वा अप्रत्यक्षपणे कोणत्याही व्यक्तीस पुरविणे, तसेच प्रसिद्ध करणे हा गुन्हा असून अशी कृती करणाऱ्या व्यक्तीवर शासनाने जारी केलेल्या "परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचा अधिनियम-82" यातील तरतुदीनुसार तसेच प्रचलित कायद्याच्या तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.

तसेच ह्या प्रश्नपत्रिकेसाठी विहित केलेली वेळ संपण्याआधी ही प्रश्नपुस्तिका अनधिकृतपणे बाळगणे हा सुद्धा गुन्हा असून तसे करणारी व्यक्ती आयोगाच्या कर्मचारीवृंदापैकी, तसेच परीक्षेच्या पर्यवेक्षकीयवृंदापैकी असली तरीही अशा व्यक्तीविरुद्ध उक्त अधिनियमानुसार कारवाई करण्यात येईल व दोषी व्यक्ती शिक्षेस पात्र होईल.

पुढील सूचना प्रश्नपुस्तिकेच्या अंतिम पृष्ठावर पहा

पर्यवेक्षकांच्या सूचनेविना हे सील उघडू नये

U04

2

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कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK

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A

3

UO4

1. Who was awarded the 'International Environment Goldman Prize' considered as 'Green Nobel' in April 2014 ?

- (1) Ramesh Aggarwal (2) Sundarlal Bahuguna
(3) Rajendra Singh (4) Medha Patkar

2. Which Pharmaceutical Company has taken over Ranbaxy Laboratories Limited ?

- (1) Glaxo (2) Sun Pharma (3) Pfizer (4) Merck

3. Which of the following IT companies has been awarded the international Ashden Award in 2014 for energy conservation ?

- (1) WIPRO (2) TCS (3) Infosys (4) Tech-Mahindra

4. Consider the following statements :

- (a) Brazil has won the World Cup the highest number of times, Five, till June 2014.
(b) It is the only team to have played in the final round in all the football World Cups, till June 2014.

Which of the statements given above is/are correct ?

- (1) only (a) (2) only (b) (3) (a) and (b) (4) None of these

5. Match the pairs :

(A)

(B)

- (a) Padma Vibhushan (2013) (i) Pandit Bhimsen Joshi
(b) Padma Bhushan (2013) (ii) Prof. Yash Pal
(c) Padma Shri (2013) (iii) Rahul Dravid
(d) Bharat Ratna (2009) (iv) Dr. Sudarshan Agrawal

(a) (b) (c) (d)

- (1) (i) (ii) (iii) (iv)
(2) (ii) (iii) (iv) (i)
(3) (iii) (ii) (iv) (i)
(4) (iv) (iii) (ii) (i)

SPACE FOR ROUGH WORK

P.T.O.

UO4

4

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6. _____ has been appointed as a Brand Ambassador for awareness in women regarding Vyasan Mukti Programme (Addiction Free Programme).

- (1) Sadhana Amte (2) Rani Bang
(3) Sindhutai Sapkal (4) Sonali Bendre
-

7. Select the correct statement/statements :

- (a) Maharashtra has 5,983 km of railway route which is 9.2 percent of total railway route in the country.
(b) There are 3 international and 5 domestic airports in Maharashtra.

Answer Options :

- (1) Statement (a) is correct, statement (b) is incorrect
(2) Statement (a) is incorrect, statement (b) is correct
(3) Both the statements (a) and (b) are correct
(4) Both the statements (a) and (b) are incorrect
-

8. The fifth BRICS summit was hosted by _____ in _____.

- (1) India, March 2012 (2) Brazil, March 2013
(3) South Africa, March 2013 (4) Indonesia, March 2012
-

9. What was the name of the totally indigenous surface to air missile successfully test fired in May 2014 ?

- (1) Agni (2) Akash (3) Astra (4) Prithvi
-

10. Election Commission of India appointed _____ and _____ as the National Icons to help promote voter participation in India.

- (1) Saina Nehwal and Sania Mirza (2) Rahul Dravid and Sachin Tendulkar
(3) Mary Kom and Priyanka Chopra (4) Saina Nehwal and Mary Kom
-

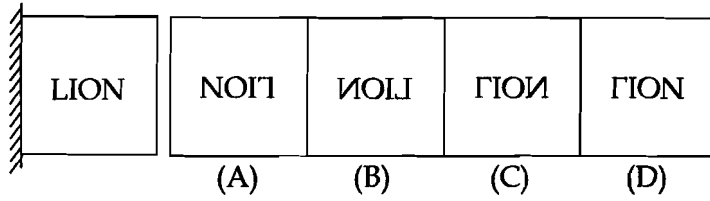
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5

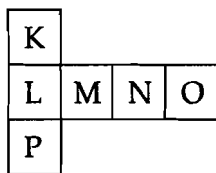
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11. Which amongst the given images is the correct mirror image of the given question image ?



- (1) (A) (2) (B) (3) (C) (4) (D)

12. Which one of the cubes given below is not obtained by folding accompanying paper cutout ?



- (1) (2) (3) (4)

13. Study the pattern and select an appropriate option for the question mark :

$$91 \mid 13 \mid 117$$

$$147 \mid 21 \mid 189$$

$$203 \mid 29 \mid 261$$

$$119 \mid ? \mid 153$$

- (1) 11 (2) 23 (3) 17 (4) 16

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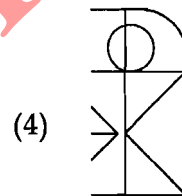
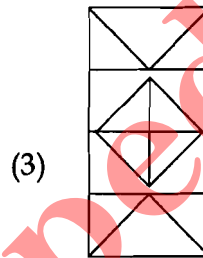
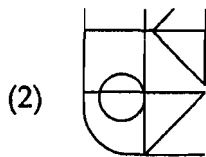
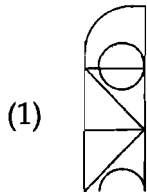
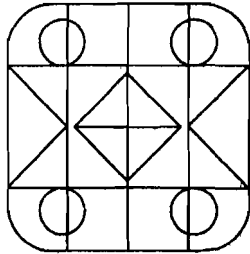
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U04

6

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14. Which option given below does not belong to following grid ?



15. In a symbolic language, if 'POSSIBLE' word is written as 'SLVPLYOB' then in the same symbolic language how will the word 'FREEZE' be written ?

(1) IOBBWB

(2) COHCBH

(3) COBSWH

(4) IOHBCB

16. If it were two hours later, it would be half as long until midnight if it were one hour later. What time is it now ?

(1) 18.30

(2) 20.00

(3) 21.00

(4) Data is insufficient

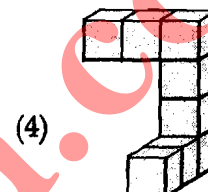
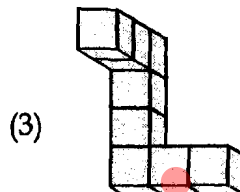
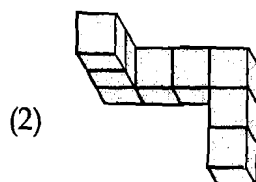
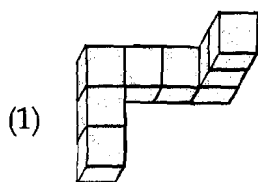
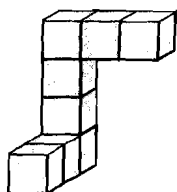
SPACE FOR ROUGH WORK

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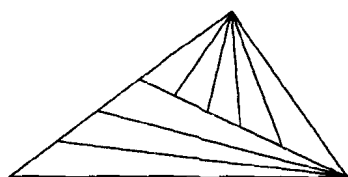
7

UO4

17. Which option is identical with the accompanying solid ?



18. How many triangles are there in the given figure ?



(1) 24

(2) 22

(3) 20

(4) 25

19. Below are given three statements followed by four conclusions numbered (I), (II), (III) and (IV). Assume that all statements are true even though they appear to be absurd. Read all conclusions and then decide which of them logically follow from the given statements.

Statements :

- (a) All fish are birds
- (b) All bacteria are birds
- (c) Some birds are viruses

Conclusions :

- (I) Some fish are bacteria
- (II) Some bacteria are viruses
- (III) Some viruses are fish
- (IV) All viruses are birds.

Answer Options :

- (1) None follows
- (2) Only (I) follows
- (3) Only (I) and (II) follow
- (4) Only (II) and (IV) follow

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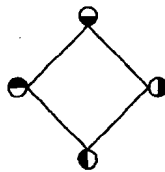
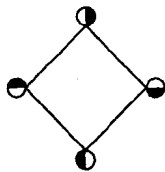
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UO4

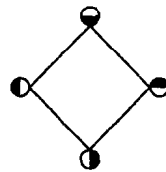
8

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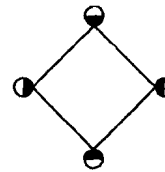
20. Which numbered image should be replaced by another image to make series logically consistent ?



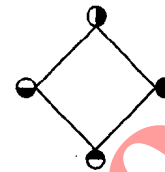
(1)



(2)



(3)



(4)

21. Consider the following statements :

- (a) The Governor of a state is part of the state legislature ; he addresses the legislature and can send messages to it.
- (b) The legislative council cannot delay the non-money bill more than six months.

Which of the statements given above is/are correct ?

- (1) Only (a) (2) Only (b) (3) (a) and (b) (4) None of the two

22. _____, _____ and _____ were elected from Mumbai province in the Constituent Assembly.

- (a) Dr. B.R. Ambedkar
- (b) Sardar Vallabhbhai Patel
- (c) Mrs. Hansa Mehta
- (d) Shama Prasad Mukherjee

Answer Options :

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

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A

9

UO4

23. Match the pairs (Directive Principles) :

(A)	(B)
(a) Local Self Government	(i) Article 40
(b) Right to Work	(ii) Article 41
(c) Uniform Civil Code	(iii) Article 44
(d) Prohibition of Slaughter of Cows	(iv) Article 48

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

24. According to which Constitutional Amendment, it is binding on the President to act according to the advice of the Council of Ministers ?

- (1) 44th (2) 52nd (3) 42nd (4) 24th

25. In which of the following states, the Vidhan Parishad does not exist ?

- (1) Jammu and Kashmir (2) Maharashtra
(3) Bihar (4) Madhya Pradesh

26. A host can get its IP address from its DHCP server by using _____ as source address and _____ as the destination address.

- (1) 255.255.255.255 ; 0.0.0.0 (2) 127.0.0.0 ; 255.255.255.255
(3) 0.0.0.0 ; 255.255.255.255 (4) none of the above

27. Data flow between two devices can occur in a _____ way.

- (1) Simplex (2) Half-duplex (3) Full-duplex (4) All of the above

SPACE FOR ROUGH WORK

P.T.O.

UO4

10

A

28. "Sahayika", (one of the media lab asia projects) is _____.

- (1) Ontology Building and management tool
- (2) Web portal for empowering of disabled
- (3) An assessment for mentally retarded children
- (4) None of the above

29. 127.0.0.1 is a _____.

- (1) limited broadcast address
- (2) direct broadcast address
- (3) multicast address
- (4) loopback address

30. Which one of the following is an error reporting protocol ?

- (1) ARP
- (2) TCP
- (3) UDP
- (4) ICMP

31. IS 22000 is for :

- (a) FSMS
- (b) HACCP
- (c) FSSC
- (d) BRC

Answer Options :

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

32. Can a corporation or association of persons apply for information under RTI ?

- (1) No they cannot apply
- (2) Yes they can apply
- (3) Yes, as corporation and firms are treated as persons, they can apply
- (4) No, corporation and firms are not treated as persons

33. Consider the following statements with reference to water :

- (a) According to WHO report, 3900 children die every day of water borne diseases.
- (b) 1.1 billion people live without clean drinking water.
- (c) 1.8 million people die every year from diarrhoeal diseases.

Which of the statements given above are correct ?

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

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A

11

UO4

34. Which of the following is not an object of the Right to Information Act 2005 ?

- (1) Curtail Corruption
- (2) Promote transparency in the working of every public authority
- (3) Keep all the citizens informed of everything
- (4) Promote accountability in the working of every public authority

35. Which of the following courts has authority to entertain an appeal against the order passed under Right to Information Act ?

- | | |
|--------------------|-----------------------|
| (1) District Court | (2) High Court |
| (3) Sessions Court | (4) None of the above |

36. Which of the following statements is/are correct ?

- (a) Human Rights are based on international consensus.
- (b) They apply not only to countries that have recognised these rights in their legal institutions, but virtually to all the countries.

Answer Options :

- | | |
|----------------------|-------------------------|
| (1) (a) only | (2) (b) only |
| (3) Both (a) and (b) | (4) Neither (a) nor (b) |

37. Which case out of the following is the landmark judgement to protect working women's rights to human dignity against sexual harassment ?

- (1) C.B. Muthamma Vs Union of India
- (2) Maneka Gandhi Vs Union of India
- (3) Vishaka and others Vs State of Rajasthan
- (4) Harla Vs State of Rajasthan

38. Which court has jurisdiction to grant protection order and other orders under the protection of women from Domestic Violence Act, 2005 ?

- (1) Sessions Court
- (2) Judicial Magistrate of the First Class
- (3) Judicial Magistrate of the Second Class
- (4) None of the above

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P.T.O.

UO4

12

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39. Which of the following, women cannot claim protection under the provisions of protection of women from Domestic Violence Act presuming that they are staying with the abuser in the same house ?

- (a) Adopted daughter
- (b) Woman staying with him in live-in-relationship
- (c) Wife of unlawful second marriage
- (d) Mother

Answer options :

- (1) (a) and (d) (2) (b) only (3) (b) and (c) (4) All can claim
-

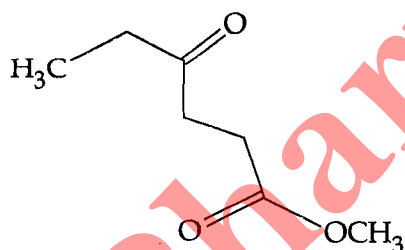
40. Which day is observed as the foundation day of the National Human Rights Commission ?

- (1) 10th October (2) 11th October (3) 12th October (4) 13th October
-

41. The wavelength range in nm of microwave radiation is :

- (1) $10^5 - 10^7$ (2) $10^4 - 10^6$ (3) $10^3 - 10^5$ (4) None of these
-

42. The IUPAC Name for :



- (1) Ethyl-4-oxoheptonate (2) Methyl-4-oxoheptonate
(3) Ethyl-4-oxohexonate (4) Methyl-4-oxohexonate
-

43. Out of the following, which is **not** the method of preparation of transuranic elements ?

- (1) Heavy ion bombardment (2) Ion-exchange
(3) Neutron bombardment (4) High voltage nuclei
-

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A

13

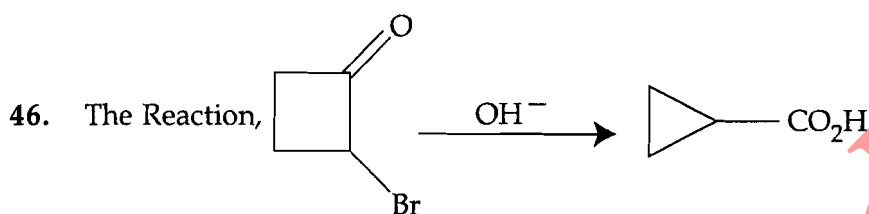
UO4

44. When solid melts, there is :

- (1) an increase in enthalpy (2) no change in enthalpy
(3) a decrease in enthalpy (4) decrease in internal energy

45. Among the following, which is the least acidic ?

- (1) Phenol (2) o-cresol (3) p-nitro phenol (4) P-chlorophenol



is an example of :

- (1) Wolf rearrangement (2) Semibenzilic mechanism
(3) Steven's rearrangement (4) Wahner-Meerwin rearrangement

47. Which Molecule has greatest dipole moment ?

- (1) HCl (2) HF (3) HI (4) HBr

48. Thermogravimetric analysis is **not** concerned with :

- (1) Time (2) Temperature
(3) Weight (4) Reagent of precipitation

49. What can be said about the spontaneity of reaction when :

- (1) ΔH and ΔS are both positive (2) ΔH and ΔS are both negative
(3) ΔH is positive and ΔS negative (4) ΔH is negative and ΔS positive

50. Which of the following is a thermosetting plastic ?

- (1) Polyethylene (2) Bakelite (3) Polystyrene (4) None of these

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P.T.O.

U04

14

A

51. _____ are present in onions.

- (a) Cellulose (b) Galactans (c) Pectins (d) Fructosans

Answer Options :

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

52. The change in texture, colour and physical state which occurs when starch is heated in water is known as _____.

- (a) flavonoids (b) coagulation (c) gelatinisation (d) keratinisation

Answer Options :

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

53. Heat cramps are due to deficiency of _____.

- (a) NaCl (b) KMnO_4 (c) iron (d) Ca : P

Answer Options :

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

54. The Adult human body synthesises daily about _____ mg cholesterol.

- (1) 1000 (2) 2000 (3) 3000 (4) 500
-

55. Dals adulterated with Kesari dal is identified by :

- (a) Add alcoholic potash and water and boil for 15 min
(b) Iodine test
(c) Physical examination
(d) HCl test

Answer Options :

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

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A

15

UO4

56. Food contaminants means :

- (a) they are intentionally added to food for processing.
- (b) substances not intentionally added to food but are present due to processing/treatment/packaging etc.
- (c) presence of harmful chemicals and micro organisms
- (d) none of the above

Answer Options :

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

57. Vitamin _____ is necessary for blood coagulation.

- (1) E (2) B₁₂ (3) B₆ (4) K
-

58. _____ is the reserve carbohydrate found in liver and muscle.

- (1) Glucose (2) Glycogen (3) Starch (4) Dextins
-

59. The level of aflatoxin in staple foodstuff has been found to be positively correlated to incidence of :

- (a) Lung cancer (b) Stomach cancer
- (c) Liver cancer (d) Oral submucous fibrosis

Answer Options :

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

60. The energy value of food can be expressed in terms of _____ .

- (a) KCal (b) MJ (c) kilo Joules (d) All are correct

Answer Options :

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

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P.T.O.

UO4

16

A

61. Food may contain naturally occurring toxic agents or toxic substances formed in cooking that, are more harmful than the small amounts of pesticides that linger in the food we eat. Can you identify the food that contains nitrosoamines formed by the reaction of nitrates and nitrites with amino acids ?

- (1) Cooked preserved meats
- (2) Bananas artificially ripened in an atmosphere of ethylene
- (3) Mushrooms cooked in aluminium pots
- (4) Cheese aged over 6 months

62. Cold plasma is a :

- | | |
|-----------------------------|----------------------------|
| (1) Solid state of matter | (2) Liquid state of matter |
| (3) Gaseous state of matter | (4) None of the above |

63. Fractional sterilization means :

- | | |
|-----------------------------|--------------------|
| (1) Radiation sterilization | (2) Incineration |
| (3) Membrane filtration | (4) Tyndallisation |

64. Which of the following is considered as a non-thermal process ?

- | | |
|-----------------------|---------------------------|
| (1) Sterilization | (2) Pulsed electric field |
| (3) Induction cooking | (4) Conduction |

65. CAP and MAP stand for :

- (1) Controlled Automated Packaging and Modified Automated Packaging
- (2) Controlled Aseptic Packaging and Modified Aseptic Packaging
- (3) Controlled Atmosphere Packaging and Modified Atmosphere Packaging
- (4) Controlled Aesthetic Packaging and Modified Aesthetic Packaging

66. Codex Alimentarius Commission's Secretariat is at :

- | | | | |
|----------|-----------|-----------|------------|
| (a) Rome | (b) Delhi | (c) Paris | (d) Burlin |
|----------|-----------|-----------|------------|

Answer Options :

- | | | | |
|---------|---------|---------|---------|
| (1) (a) | (2) (b) | (3) (c) | (4) (d) |
|---------|---------|---------|---------|

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A

17

UO4

67. India has been member of Codex Alimentarius Commission since _____.

- (a) 1954 (b) 1964 (c) 1966 (d) 1947

Answer Options :

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

68. In codex Alimentarius there are _____ co-ordinating committees.

- (a) 2 (b) 4 (c) 6 (d) 8

Answer Options :

- (1) (a) only (2) (b) only (3) (c) only (4) (d) only
-

69. In India NCCP (National Codex Contact Point) is with _____.

- (a) MOHFW (b) FDA Mah (c) FSSAI (d) NIFTEM

Answer Options :

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

70. Ad hoc inter governmental task force is codex committee for :

- (a) Full term (b) Fixed period
(c) Permanent (d) None of the above

Answer Options :

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

71. Nanotechnology and nanoscience involve the study of phenomena and materials and the manipulation of structures, devices and systems that exist at the nanoscale less than _____ nanometres (nm) in size.

- (1) 150 (2) 200 (3) 100 (4) 300
-

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P.T.O.

UO4

18

A

72. Which are the main safety concerns for Genetically modified foods ?

- (1) Food Poisoning/Low yield and Outcrossing.
- (2) Contamination/Gene transfer and colour change.
- (3) Contamination/DNA transfer and colour change.
- (4) Allergenicity/Gene transfer and Outcrossing.

73. Foods for special dietary uses or functional foods or nutraceuticals or health supplements is defined in which section under FSS Act :

- (1) Section 22
- (2) Section 26
- (3) Section 16
- (4) Section 23

74. Genetically Modified Organisms (GMOs) can be defined as organisms :

- (1) In which the genetic material (DNA) has been altered in a way that does not occur naturally.
- (2) In which the genetic material (DNA) has been removed and does not occur naturally.
- (3) In which the complete genetic material (DNA) has been replaced.
- (4) None of the above.

75. Organic food refers to crop or livestock that are grown on the farm without the application of :

- (1) Synthetic fertilizers or pesticides
- (2) Natural fertilizers or pesticides
- (3) Harmful fertilizers or pesticides
- (4) New fertilizers or pesticides

76. Mustard seeds are adulterated generally with :

- (1) Papaya seeds
- (2) Poppy seeds
- (3) Argemone seeds
- (4) Onion seeds

77. The dose of radiation measured in the SI unit is known as :

- (1) Ray (Ry)
- (2) Gray (Gy)
- (3) Gram (Gm)
- (4) Micro gram (Mg)

78. Which country has allowed GM food legally ?

- (1) India
- (2) USA
- (3) EU
- (4) Dubai

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A

19

UO4

79. Japan is the only country which has formulated regulated system for functional food called as :
- (1) Foods for Special Health Use (FOSHU)
 - (2) Fruits for Specified Health Use (FOSHU)
 - (3) Foods for Specified Health Use (FOSHU)
 - (4) None of the above
-
80. The preservative that destroys thiamine is :
- (1) Benzoic acid
 - (2) Sulphur dioxide
 - (3) Acetic acid
 - (4) Propionic acid
-
81. Who will notify the Adjudicating Officer for the State ?
- (1) The Central Government
 - (2) The State Government
 - (3) Food Safety Authority
 - (4) Legal Ministry
-
82. During Sampling FSO will divide the food product in how many parts ?
- (1) 4
 - (2) 5
 - (3) 3
 - (4) 2
-
83. Which part of schedule 4 is applicable to Milk and Milk product industry ?
- (1) Part I
 - (2) Part III
 - (3) Part IV
 - (4) Part V
-
84. What is sub-standard food ?
- (1) An article of food shall be deemed to be sub-standard if it does not meet the specified regulations but does not render the food unsafe.
 - (2) An article of food shall be deemed to be sub-standard if it does not meet the specified standards but does not render the food unsafe.
 - (3) An article of food shall be deemed to be sub-standard if it meets the specified standards but renders the food unsafe.
 - (4) An article of food shall be deemed to be sub-standard if it does meet the specified standards but does not render adulteration.
-

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P.T.O.

U04

20

A

85. Who is food business operator ?

- (1) Means any undertaking, whether for profit or not and whether public or private, carrying out any of the activities related to any stage of manufacture, processing, packaging, storage, transportation, distribution of food, import and includes food services, catering services, sale of food or food ingredients.
- (2) Means any undertaking who does the food business.
- (3) Means any undertaking, for profit and whether public or private, carrying out any of the activities related to any stage of manufacture, processing, packaging, storage, transportation, distribution of food, import and includes food services, catering services, sale of food or food ingredients.
- (4) None of the above

86. _____ is part of quality management focussed on providing confidence that quality requirements will be fulfilled.

- | | |
|------------------------|--------------|
| (a) Quality management | (b) Quality |
| (c) Quality Assurance | (d) Updating |

Answer Options :

- | | | | |
|---------|---------|---------|---------|
| (1) (a) | (2) (b) | (3) (c) | (4) (d) |
|---------|---------|---------|---------|

87. There are _____ HACCP principles.

- | | | | |
|-------|-------|-------|--------|
| (a) 5 | (b) 7 | (c) 8 | (d) 10 |
|-------|-------|-------|--------|

Answer Options :

- | | | | |
|---------|---------|---------|---------|
| (1) (a) | (2) (b) | (3) (c) | (4) (d) |
|---------|---------|---------|---------|

88. HACCP has been defined by :

- | | | | |
|-----------|------------|---------|------------|
| (a) Codex | (b) US FDA | (c) ISO | (d) FDA MS |
|-----------|------------|---------|------------|

Answer Options :

- | | | | |
|---------|---------|---------|---------|
| (1) (a) | (2) (b) | (3) (c) | (4) (d) |
|---------|---------|---------|---------|

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A

21

UO4

89. IS 16021 : 2012 is for :

- (a) HACCP (b) GMP (c) ISO (d) GHP

Answer Options :

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

90. The GMP may be treated as generic pre-requisite to _____ .

- (a) HACCP (b) GHP (c) Food Audit (d) ISO

Answer Options :

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

91. _____ is the first HACCP principle.

- (a) Establish critical limit (b) Conduct hazards analysis
(c) Determine CCPs (d) Establish corrective action

Answer Options :

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

92. IS 16020 : 2012 is for _____ .

- (a) GMP (b) HACCP (c) ISO (d) GHP

Answer Options :

- (1) (a) only (2) (b) only (3) (c) only (4) (d) only
-

93. HACCP based on standards operating procedures are developed by :

- (a) NFSMI (b) FICCI (c) FSSAI (d) NIFTEM

Answer Options :

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

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P.T.O.

UO4

22

A

94. The removal of soil, food residue, dirt, grease or other objectionable matter is _____ .

- (a) Disinfection (b) Fumigation (c) Cleaning (d) Irradiation

Answer Options :

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

95. There are _____ hygiene specific requirements.

- (a) 4 (b) 6 (c) 8 (d) 10

Answer Options :

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

96. Which order is **not** repealed by FSSA ?

- (1) Cold Storage Order 1980
(2) Fruit Products Order 1955
(3) Solvent Extracted Oil, De-oiled Meal and Edible Flour Control Order 1967
(4) Vegetable Products Control Order 1967 FPO
-

97. Which agency is responsible for operation of Export (Quality Control and Inspection) Act 1963 ?

- (1) Codex (2) The Export Inspection Council
(3) The Export Quality Inspection (4) Export house
-

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A

23

UO4

98. Which BIS standard is compulsory for Packaged drinking water ?

- (1) IS 14243 (2) IS 13543 (3) IS 14543 (4) IS 14534
-

99. General Conference of Weights and Measures (CGPM) and the International Organization of Legal Metrology (OIML) supports the following Act/Rules :

- (1) FSSA (2) AGMARK (3) Legal Metrology (4) VOP
-

100. Agmark certification is compulsory for the following food product :

- (1) Milk (2) Fruit juices (3) Water (4) Blended edible oil
-

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UO4

24

A

सूचना — (पृष्ठ 1 वरून पुढे....)

- (8) प्रश्नपुस्तिकेमध्ये विहित केलेल्या विशिष्ट जागीच कच्चे काम (रफ वर्क) करावे. प्रश्नपुस्तिकेव्यतिरिक्त उत्तरपत्रिकेवर वा इतर कागदावर कच्चे काम केल्यास ते कॉपी करण्याच्या उद्देशाने केले आहे, असे मानले जाईल व त्यानुसार उमेदवारावर शासनाने जारी केलेल्या "परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचे अधिनियम-82" यातील तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.
- (9) सदर प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपल्यानंतर उमेदवाराला ही प्रश्नपुस्तिका स्वतःबरोबर परीक्षाकक्षाबाहेर घेऊन जाण्यास परवानगी आहे. मात्र परीक्षा कक्षाबाहेर जाण्यापूर्वी उमेदवाराने आपल्या उत्तरपत्रिकेचा भाग-1 समवेक्षकाकडे न विसरता परत करणे आवश्यक आहे.

नमुना प्रश्न

Pick out the correct word to fill in the blank :

Q. No. 201. I congratulate you _____ your grand success.

- (1) for (2) at (3) on (4) about

ह्या प्रश्नाचे योग्य उत्तर "(3) on" असे आहे. त्यामुळे या प्रश्नाचे उत्तर "(3)" होईल. यास्तव खालीलप्रमाणे प्रश्न क्र. 201 समोरील उत्तर-क्रमांक "③" हे वर्तुळ पूर्णपणे छायंकित करून दाखविणे आवश्यक आहे.

प्र. क्र. 201. ① ② ● ④

अशा पद्धतीने प्रस्तुत प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाचा तुमचा उत्तरक्रमांक हा तुम्हाला स्वतंत्ररीत्या पुरविलेल्या उत्तरपत्रिकेवरील त्या त्या प्रश्नक्रमांकासमोरील संबंधित वर्तुळ पूर्णपणे छायंकित करून दाखवावा. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

परीक्षेचे नांव : सहायक आयुक्त (अन्न) पदनिर्देशित अधिकारी, अन्न व औषध प्रशासन, महाराष्ट्र वैद्यकीय शिक्षण व औषधी द्रव्ये विभाग, गट-अ
परीक्षेचा दिनांक : 30 नोव्हेंबर, 2014

महाराष्ट्र लोकसेवा आयोगामार्फत "सहायक आयुक्त (अन्न) पदनिर्देशित अधिकारी, अन्न व औषध प्रशासन, महाराष्ट्र वैद्यकीय शिक्षण व औषधी द्रव्ये विभाग, गट-अ"चा चाळणी परीक्षेच्या प्रश्नपत्रिकेची उत्तरतालिका उमेदवारांच्या माहितीसाठी संकेतस्थळावर प्रसिध्द करण्यात आली आहे. सदर उत्तरतालिकेतील प्रश्न-उत्तरांसंबंधी उमेदवारांना निवेदन करावयाचे असल्यास त्यांनी अधिप्रमाणीत स्पष्टीकरण / संदर्भ देऊन तसेच विषय, परीक्षेचे नाव, प्रश्नसंच, प्रश्नक्रमांक यांच्या उल्लेखासह आपले लेखी निवेदन उपसचिव (गोपनीय), महाराष्ट्र लोकसेवा आयोग, बँक ऑफ इंडिया बिल्डिंग, ३ रा मजला, हुतात्मा चौक, मुंबई ४०० ००१ या पत्त्यावर टपालाने पाठवावे. यासंदर्भात दि १ डिसेंबर, २०१४ पर्यंत आयोगाकडे प्राप्त झालेल्या निवेदनांचीच दखल घेतली जाईल. तदनंतर आलेली निवेदने विचारात घेतली जाणार नाहीत, याची कृपया नोंद घ्यावी.

उत्तरतालिका - KEY

प्रश्न क्रमांक	उत्तरे			
	संच A	संच B	संच C	संच D
1	1	3	2	3
2	2	3	4	3
3	3	1	3	2
4	3	2	2	2
5	2	2	3	3
6	3	4	3	3
7	3	3	2	2
8	3	3	3	3
9	2	3	1	4
10	4	2	3	1
11	2	2	2	1
12	3	3	2	3
13	3	4	2	3
14	1	2	3	3
15	4	2	2	2
16	3	1	3	4
17	2	2	1	2
18	2	3	4	1
19	1	3	3	2
20	2	1	1	2
21	1	1	1	4
22	4	4	3	4
23	4	4	4	1
24	3	4	4	3
25	4	3	4	4

प्रश्न क्रमांक	उत्तरे			
	संच A	संच B	संच C	संच D
26	3	1	4	4
27	4	4	1	4
28	1	4	4	1
29	4	3	3	3
30	4	4	4	4
31	1	3	3	4
32	1	1	1	1
33	4	4	4	1
34	3	1	4	4
35	4	4	1	3
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37	3	2	4	3
38	2	3	3	3
39	4	3	2	3
40	3	3	3	2
41	1	4	4	2
42	4	4	2	1
43	2	4	2	2
44	1	2	2	2
45	2	2	4	2
46	2	2	1	4
47	2	2	1	2
48	4	1	2	4
49	4	2	4	1
50	2	1	2	4

प्रश्न क्रमांक	उत्तरे			
	संच A	संच B	संच C	संच D
51	4	1	4	4
52	3	2	2	3
53	1	4	2	1
54	2	3	1	2
55	3	2	4	2
56	2	3	3	3
57	4	4	3	4
58	2	3	2	2
59	3	2	4	4
60	4	4	3	3
61	1	3	1	2
62	4	1	4	3
63	4	2	2	1
64	2	4	4	4
65	3	4	3	4
66	1	3	3	3
67	2	2	2	2
68	3	1	2	2
69	2	3	3	3
70	3	2	1	1
71	3	2	2	4
72	4	3	4	3
73	1	3	1	1
74	1	1	3	2
75	1	4	4	2

प्रश्न क्रमांक	उत्तरे			
	संच A	संच B	संच C	संच D
76	3	4	2	3
77	2	2	2	4
78	2	2	1	1
79	4	1	1	2
80	2	1	3	1
81	2	2	2	2
82	1	2	1	2
83	2	1	2	1
84	2	2	1	1
85	1	1	2	2
86	3	1	4	2
87	2	1	1	3
88	1	2	3	3
89	2	1	1	1
90	1	2	1	2
91	2	3	2	2
92	4	3	2	3
93	1	2	3	1
94	3	3	3	1
95	3	4	2	4
96	1	3	4	1
97	2	3	1	3
98	3	1	2	2
99	3	2	3	3
100	4	4	3	4