

वेळ : 3 (तीन) तास

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प्रश्नपुस्तिका क्रमांक BOOKLET NO.

प्रश्नपुस्तिका चाळणी परीक्षा

स्थापत्य अभियांत्रिकी

शेवटचा अंक

एकूण गुण: 200

सचना

(1) सदर प्रश्नपुस्तिकेत 80 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

↑ केंद्राची संकेताक्षरे

- (2) आपला परीक्षा-क्रमांक ह्या चौकोनांत न विसरता बॉलपेनने लिहावा.
- वर छापलेला प्रश्नपुस्तिका क्रमांक तुमच्या उत्तरपत्रिकेवर विशिष्ट जागी उत्तरपत्रिकेवरील सूचनेप्रमाणे **न विसरता नमद करावा**.
- या प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाला 4 पर्यायी उत्तरे सूर्चावली 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 नमुद 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.
- उत्तरपत्रिकेत एकदा नमुद केलेले उत्तर खोडता येणार नाही. नमुद केलेले उत्तर खोडून नव्याने उत्तर दिल्यास ते तपासले जाणार नाही.
- (७) प्रस्तुत परीक्षेच्या उत्तरपत्रिकांचे मूल्यांकन करताना उमेदवाराच्या उत्तरपत्रिकेतील योग्य उत्तरांनाच गुण दिले जातील. तसेच ''उमेदवाराने वस्तुनिष्ठ बहुपर्यायी स्वरूपाच्या प्रश्नांची दिलेल्या चार पर्यायापैकी सर्वात योग्य उत्तरेच उत्तरपत्रिकेत नमुद्द कराबीत. 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 तरतदीनसार तसेच प्रचलित कायद्याच्या तरत्दीनुसार 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 अनिधकृतपणे बाळगणे हा सुद्धा गुन्हा असून तसे करणारी व्यक्ती आयोगाच्या कर्मचारीवृंदापैकी, तसेच परीक्षेच्या पर्यवेक्षकीयवृंदापैकी असली तरीही अशा व्यक्तीविरूद्ध उक्त अधिनियमानुसार कारवाई करण्यात येईल व दोषी व्यक्ती शिक्षेस पात्र होईल.

पुढील सूचना प्रश्नपुस्तिकेच्या अंतिम पृष्ठावर पहा

उध्र सील 40 सूचनेविना पर्यवेक्षकांच्या

TO4

कच्चा कामासाठी जागा / SPACE FOR ROUGH WORK

2

- Student Bounty.com 1. When both ends of a uniform column are fixed, then the value of crippling load is "P" end of that column is made free then the value of crippling load will change to:
  - 0.25 P (1)
- 0.50 P (2)
- 2 P (3)
- (4)

- If  $A = \begin{bmatrix} 1 & 3 \\ 0 & 7 \end{bmatrix}$  then Eigen values of  $A^2 + A^5 + I$  are: 2.
  - (1) 3,16,857
- (2) 3,208
- 6,15,862 (3)
- None of these (4)
- 3. Optimum cycle time for signal design can be determined by:

(1) 
$$C_0 = \frac{1.5 L + 5}{1 - Y}$$

(2) 
$$C_0 = \frac{1.5 L - 5}{1 - Y}$$

(3) 
$$C_0 = \frac{1.5 L + 5}{1 + Y}$$

(4) 
$$C_0 = \frac{1.5 L - 5}{1 + Y}$$

- 4. Bituminous materials are commonly used in highway construction because of their good:
  - (1)Tensile and compressive strength
  - (2)Binding and water proofing properties
  - (3)Shear strength and tensile properties
  - (4)Bond and tensile properties
- 5. The most prominent characteristic of a turbulent flow is:
  - Large discharge (1)
  - **(2)** High velocity
  - (3)Velocity of a point remains constant
  - (4) Velocity and pressure at point exhibit irregular functions of high frequency
- For an ogee spillway if discharge (Q) = 6000 m<sup>3</sup>/sec, Coefficient of discharge ( $C_d$ ) = 2.2 and 6. effective Length,  $(L_o) = 40$  m then the corresponding head is :
  - 16 (1)
- 16.48 (2)
- 16.28 (3)
- 16.68 (4)

|                    |  |  |                        |   |                       |                 |        | ade  |
|--------------------|--|--|------------------------|---|-----------------------|-----------------|--------|--|
| TO4                | Ĺ  |  |                        |   | 4                     |                 |        | 50 to 100                                    |
| 7.                 | Reco   | ommended slu   | mp valu                | e of concrete u   | sed in fo             | oting ranges fi | rom :  |  |
|                    | (1)  | 25 to 50   | (2)                    | 25 to 75  | (3)                   | 50 to 75        | (4)    | 50 to 100                                    |
| 8.                 |  | rismatic beam<br>ratio of bendir   |                        |   |                       | •               |        | ver the entire span.<br>span is :            |
|                    | (1)  | 0.25   | (2)                    | 0.5   | (3)                   | 2               | (4)    | 2.5  |
| 9.                 | Inor   | ganic soil with  | low con                | npressibility is  | represer              | nted by :       |        |  |
|                    | (1)  | MH   | (2)                    | SL  | (3)                   | ML              | (4)    | СН   |
|                    | (1)<br>(2)   | Shear stress i   | ss is max              |   | s are ma:             | ximum           |        |  |
|                    | (3)<br>(4)   | Both shear st<br>Shear stress i  |                        | um  |                       |                 |        |  |
| —-<br>11.          | (4)  | Shear stress i   | s minim                | in a RCC bear   |                       |                 |        | nd vertical stirrups<br>he total shear to be |
| —<br>11.           | (4)  If the  | Shear stress i   | s minim                | in a RCC bear   |                       |                 |        |  |
| <br>11.<br><br>12. | (4)  If the then resis (1)                           | Shear stress in the maximum sted.  | s minim                | in a RCC bear<br>esistance of ber                                     | (3)                   | will be         | (4)    | he total shear to be                         |
|                    | (4)  If the then resis (1)                           | Shear stress in the shear reinformation of the maximum sted.  25%  Der IS - 875, for | s minim                | in a RCC bear<br>esistance of ber                                     | (3)                   | will be         | (4)    | he total shear to be                         |
|                    | (4)  If the then resis (1)  As part divide (1)  Muli | Shear stress in the sted.  25%  Deer IS - 875, for ded into:                         | rcement (2)  or the pu | in a RCC bear sistance of ber 50% arpose of spec 5 zones width 250 mm | (3)  rifying bar  (3) | will be         | (4)(4) | he total shear to be  30%  country has been  |

Trace out

(3)

(4)

Preliminary survey

6

- Residual soils are formed by: 21.
  - (1) Glaciers
- (2) Wind
- Water (3)
- Student Bounty Com (4)

- 22. Route optimization of solid waste is necessary for :
  - Easy transportation (1)
- Radial transportation (2)

(3)Transfer station

- (4)All the above
- In a hydro-electric station of  $Q = 200 \text{ m}^3/\text{sec.}$ , Ns = 480 and H = 18 m, N = 150 rpm. The 23. power available at the shaft of turbine would be:
  - (1)782 kW
- 13049 kW (2)
- (3)14076 kW
- 94036 kW (4)

- The effects of air pollutants on plants are: 24.
  - (1) Necrosis

**Epinasty** (2)

(3) Both (1) and (2)

- (4)Neither (1) nor (2)
- 25. The coefficient of active earth pressure for loose sand having an angle of internal friction of 30° is:
  - (1)
- (2) 3
- (3)1
- (4)
- Solution of  $(D^3 + \pi^2 D) = 0$ , y(0) = 0, y(1) = 0, y'(0) + y'(1) = 0 is : 26.
  - (1) $y = c \sin \pi x$
- (2)  $y = c \cos \pi x$
- $y = c \tan \pi x$
- (4)  $y = c e^x \sin \pi x$
- 27. For what value of  $\lambda$  and  $\mu$  the equations x+2y+3z=4, x+3y+4z=5,  $x+3y+\lambda z=\mu$  has no solution?
  - (1)  $\lambda = 4$ ,  $\lambda = 5$
- $\lambda \neq 4$ ,  $\lambda \neq 5$ (2)
- $\lambda = 4$ ,  $\lambda \neq 5$ (3)
- None of these **(4)**

- Influence line diagram is drawn for: 28.
  - (1)Given loading on structure
- (2)Static unit load
- Moving unit load (3)
- None of (1), (2) and (3) (4)

- 29. Which of the following is a measure of particle size range?
  - (1) Effective size

- (2) Uniformity
- (3) Coefficient of curvature
- (4) None of these
- **30.** If f(x) = x(x+1)(x+2)(x+3), then f'(x) = 0 has :
  - (1) One real root

(2) Two real roots

(3) Three real roots

- (4) Four real roots
- 31. Level of Service 'A' concept in the HCM Manual means :
  - (1) Forced flow operations is at low speed
  - (2) Free flow, with low volumes and high speed
  - (3) Approaches unstable flow, with tolerable speed
  - (4) Cannot be described by speed alone
- 32. Attached growth system principle is used in :
  - (1) Trickling filter

(2) Activated sludge process

(3) Grit chamber

- (4) Skimming tanks
- 33. The hydrologic flood routing methods are:
  - (1) Equation of continuity only
  - (2) Equation of motion only
  - (3) Both momentum and Continuity equation
  - (4) Energy equation
- 34. For the scalar field  $u = \frac{x^2}{2} + \frac{y^2}{2}$  the magnitude of the gradient at the point (1, 3) is:
  - (1)  $\frac{2}{9}$
- (2)  $\frac{4}{9}$
- (3)  $\frac{1}{3}$
- $(4) \frac{9}{2}$

## SPACE FOR ROUGH WORK

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|         |          |                 |              |                  |          |               |                                       |          | 15.               |           |
|---------|----------|-----------------|--------------|------------------|----------|---------------|---------------------------------------|----------|-------------------|-----------|
|         |          |                 |              |                  |          |               |                                       |          | Talent            | 1         |
| ГО4     | Į.       |                 |              |                  | 8        |               |                                       |          | Students          | O,        |
|         |          |                 |              |                  | ŭ        |               |                                       |          |                   | 1         |
| 35.     | ,        | meter is used   | to measu     | re:              | (2)      | Evo           | novation                              |          |                   |           |
|         | (1)      | Infiltration    | aination     |                  | (2)      |               |                                       |          |                   |           |
|         | (3)      | Evapotransp     |              |                  | (4)      | vap           | our pressure                          |          |                   |           |
| 36.     |          |                 | -            |                  | •        |               | tion of industria<br>e evolved gas is | _        | other than those  | in        |
|         | (1)      | 10 m            | (2)          | 30 m             |          | (3)           | 100 m                                 | (4)      | 220 m             |           |
| 37.     | Cro      | wn corrosion i  | in sewers    | occurs du        | e to :   |               | APPLACE AND ADV                       |          |                   | —         |
|         | (1)      | CO              | (2)          | H <sub>2</sub> S |          | (3)           | H <sub>2</sub> O                      | (4)      | $\mathrm{CH}_4$   |           |
| 38.     | The      | average annu    | al rainfall  | over the v       | whole (  | of Ind        | ia is estimated a                     | as:      |                   |           |
|         | (1)      | 189 cm          | (2)          | 319 cm           |          | (3)           |                                       | (4)      | 119 cm            |           |
| <br>39, | <br>Axia | al deformation  | of a unif    | form bar d       | ue to i  | ts ow         | n weight is equ                       | al to    | times t           | he        |
|         | defo     | rmation of the  | e same ba    | r, when su       | ibjected | d to a        | direct load equ                       | al to we | eight of the bar. |           |
|         | (1)      | 2               | (2)          | 1.5              |          | (3)           | 2.5                                   | (4)      | 0.5               |           |
| 0.      | Disi     | nfectants used  | l for killin | g of patho       | gens a   | re :          |                                       |          |                   |           |
|         | (1)      | Silver          |              |                  | (2)      | Нус           | lrogen peroxide                       | !        |                   |           |
|         | (3)      | Bleaching po    | owder        |                  | (4)      | All           | the above                             |          |                   |           |
| 11.     | The      | maximum dif     | ferential    | settlement       | in isol  | =-<br>lated t | footings on clay                      | ey soils | should be limite  | ed        |
|         | (1)      | 25 mm           | (2)          | 40 mm            |          | (3)           | 65 mm                                 | (4)      | 100 mm            |           |
| 12.     | At a     | section in a lo | oaded bea    | m where s        | hear fo  | orce is       | zero, bending r                       | noment   | at that section w | —<br>rill |
|         | (1)      | Zero            |              |                  | (2)      | Max           | aimum                                 |          |                   |           |
|         | (3)      | Minimum         |              |                  | (4)      | May           | be maximum o                          | or minir | num               |           |
|         |          |                 |              |                  |          |               |                                       |          |                   |           |

Response = Sensitivity - Stimulus

(4)

- Student Bounts, com If a light flexible cable suspended from two points, is subjected to rise in temperature the horizontal component of cable tension will:
  - Increase (1)
- (2) Decrease
- Remain same (3)
- Become zero (4)

50. Manning's equation for a lined channel is:

(1) 
$$V = \frac{1}{N} R^{2/3} S^{1/2}$$

(2) 
$$V = \frac{1}{N} R^{1/2} S^{2/3}$$

(3) 
$$V = \frac{1}{N} R^{3/2} S^{1/2}$$

(4) 
$$V = \frac{1}{N} R^{1/3} S^2$$

- 51. A unit hydrograph has:
  - One unit of peak discharge (1)
  - (2) One unit of rainfall duration
  - (3) Linear response and linear time variance
  - (4) Non-linear time variance and linear response
- A model of spillway is constructed to a scale of 1:8 neglecting viscous and tension effects. If 52. discharge in the prototype is 1000 m<sup>3</sup>/sec the rate of flow in model is:
  - (1) 4.5
- (2) 5.5
- 5 (3)
- 2.5 (4)
- If f(z) = u + iv and  $u v = (x y)(x^2 + 4xy + y^2)$ , then f(z) is : (where z = x + iy)
  - $-iz^3+c$ (1)
- (2) -iz+3
- $iz^2$ (3)
- (4) None of these
- **54**. Continuous exposure to a whisper (very low sound) will lead to:
  - Gastroenteritis or hyper gastric problem (1)
  - Hormonal imbalance (2)
  - Color blindness (3)
  - Permanent hearing damage

Under the point load

**(4)** 

Both (1) and (3)

|     |      |  |           | Still  |
|-----|------|--|-----------|--|
|     |      |  |           | g its organic substances by thermal cracking and |
| TO4 | Į.   |  | 12        | THE  |
| 62. |      | tess of heating a solid waste and densation is called: | splitting | g its organic substances by thermal cracking and |
|     | (1)  | Gasification   | (2)       | Pulverization                                    |
|     | (3)  | Incineration   | (4)       | Pyrolysis  |
| 63. | The  | printers 'ink' is an example of :                      |           |  |
|     | (1)  | Non-Newtonian fluid                                    | (2)       | Newtonian fluid                                  |
|     | (3)  | Elastic solid  | (4)       | Thixotropic substance                            |
| 64. |      | ral system (lacing or battening) in                    | n a built | up column is designed to resist transverse shear |
|     | (1)  | 25% of column load                                     | (2)       | 2.5% of column load                              |
|     | (3)  | 20% of column load                                     | (4)       | 10% of column load                               |
| 65. | Sew  | age treatment works are normal                         | ly desig  | ned for a design period of :                     |
|     | (1)  | 40 to 50 years   | (2)       | 30 to 40 years                                   |
|     | (3)  | 15 to 20 years   | (4)       | 5 to 10 years                                    |
| 66. | Whi  | ch of the following instruments                        | is not co | onnected with stream flow measurement ?          |
|     | (1)  | Hygrometer   | (2)       | Echo depth recorder                              |
|     | (3)  | Electromagnetic flow meter                             | (4)       | Sounding weight                                  |
| 67. | 'Spe | ed Limit' Sign in Traffic Enginee                      | ring is c | classified as :                                  |
|     | (1)  | Warning Sign   | (2)       | Mandatory Sign                                   |
|     | (3)  | Informatory Sign                                       | (4)       | None of these                                    |

| A                  |  |  |                |                     | 13                       | }                  |  |          | om to top:     | 13       |
|--------------------|--|--|----------------|---------------------|--------------------------|--------------------|--|----------|----------------|----------|
| 68.                | Arra                                     | ange the order of t  | follow         | ving layers o       | of the                   | flexib             | le pavement fro                            | m bott   | om to top :    | 1        |
|                    | (a)                                      | Sub base   |                |                     |                          |                    |  |          |                |          |
|                    | (b)                                      | Base   |                |                     |                          |                    |  |          |                |          |
|                    | (c)                                      | Subgrade   |                |                     |                          |                    |  |          |                |          |
|                    | (d)                                      | Dense Bitumino   | us M           | acadam              |                          |                    |  |          |                |          |
|                    | (e)                                      | Bituminous con   | crete          |                     |                          |                    |  |          |                |          |
|                    | (1)                                      | (a), (b), (c), (d),  | (e)            |                     | (2)                      | (c), (             | b), (a), (d), (e)                          |          |                | •        |
|                    |  |  |                |                     |                          | 7-3                |  |          |                |          |
| <del></del><br>69. | fillet                                   | plates of 16 mm<br>weld may be:  | and 1          |                     |                          | are jo             | Ť  |          |                | <br>e of |
| 69.<br>70.         | Two fillet                               | plates of 16 mm  | and (2)        | 17.5 mm             |                          | are jo             |  | eld, the | e maximum size | e of     |
|                    | Two fillet                               | plates of 16 mm<br>weld may be :<br>18.5 mm  | and (2) ical o | 17.5 mm             | kness                    | are jo             | ined by fillet w                           |          |                | e of     |
|                    | Two fillet (1)                           | plates of 16 mm<br>weld may be :<br>18.5 mm<br>major photochem   | and (2) ical o | 17.5 mm             | kness                    | are jo             | ined by fillet w 12.5 mm                   |          |                | e of     |
|                    | Two fillet (1) The (1)                   | plates of 16 mm<br>weld may be :<br>18.5 mm<br>major photochem<br>Hydrogen perox                                   | and (2) ical o | 17.5 mm<br>         | (2)<br>(4)               | are jo (3) Ozo PAN | ined by fillet w                           |          |                | e of     |
| 70.                | Two fillet (1) The (1)                   | plates of 16 mm<br>weld may be :<br>18.5 mm<br>major photochem<br>Hydrogen perox<br>Nitrogen oxide                 | and (2) ical o | 17.5 mm<br>         | (2)<br>(4)               | (3) Ozo PAN        | ined by fillet w                           |          |                | e of     |
| 70.                | Two fillet (1) The (1) (3)               | plates of 16 mm<br>weld may be:<br>18.5 mm<br>major photochem<br>Hydrogen perox<br>Nitrogen oxide                  | and (2) ical o | 17.5 mm<br>         | (2) (4)                  | Ozo PAN Gros       | ined by fillet w  12.5 mm  ne  nown as :   |          |                | e of     |
| 70.                | Two fillet (1)  The (1) (3)  Mea (1) (3) | plates of 16 mm weld may be: 18.5 mm major photochem Hydrogen perox Nitrogen oxide surements of duty Outlet factor | and (2) ical o | 17.5 mm xidant is : | (2)<br>(4)<br>(2)<br>(2) | Ozo PAN Gros       | ined by fillet w  12.5 mm  ne  I  nown as: |          |                | e of     |

radius of relative is:

(1) 63.34 cm (2) 73.24 cm (3) 82.15 cm (4) 71.32 cm

## **TO4**

14

- The sewer pipes have to be designed and checked for: 74.
  - (1)Only maximum flow
  - Only minimum flow (2)
  - Both maximum and minimum flow (3)
  - None of them **(4)**
- 75. Uniformly distributed load on a pre-stressed concrete beam can be effectively counteracted by:
  - Concentric straight tendon (1)
- Eccentric straight tendon 50% (2)

(3)Bent tendon

- (4)Parabolic tendon
- At fully plastic section, infinite rotation occurs at: 76.
  - Zero moment (1)

- Constant elastic moment (2)
- Constant plastic moment (3)
- None of (1), (2) and (3) **(4)**
- 77. If  $f(t) = \delta\left(t \frac{\pi}{4}\right) \sin 2t$  then Laplace Transform of f(t):
  - (1)  $e^{s\pi/4}$
- (2)  $e^{-s\pi/4}$
- (3)  $\frac{1}{s+1}$  (4)  $\frac{1}{s^2+1}$

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- 78. Length of back water curve can be expressed as:
  - (1)  $L = \frac{E1 E2}{Sb Se}$  (2)  $L = \frac{E2 E1}{Sb Se}$  (3)  $L = \frac{E1 E2}{Se Sb}$  (4)  $L = \frac{E2 E1}{Se Sb}$

Where E1 and E2 - Specific energies at the beginning and end of back water curve.

Se and Sb - Slope of energy line and channel bed.

SkudentBounty.com 79. If an element of a stressed body is in the state of pure shear with stress magnitude of 30 MPa, then the magnitude of principal stress will be:

30 MPa (1)

(2) 45 MPa 15 MPa

(4)

80. Normal distribution theory tells us that for large samples, 95% of sample means lie within how many standard deviations above and below the population mean?

The square root of the sample size **(1)** 

- (2)95
- Whatever the z-score is (3)
- (4)1.96

- o 0 o -

सूचना — ( पृष्ठ 1 वरून पुढे...)

- StudentBounty.com (8) प्रश्नपस्तिकेमध्ये विहित केलेल्या विशिष्ट जागीच कच्चे काम (रफ वर्क) करावे. प्रश्नपस्तिकेव्यतिरिक्त उत्तरपत्रिकेवर वा 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 तरत्तदीनुसार 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 स्वत:बरोबर परीक्षाकक्षाबाहेर घेऊन जाण्यास परवानगी आहे. मात्र परीक्षा कक्षाबाहेर जाण्यापूर्वी उमेदवाराने आपल्या उत्तरपत्रिकेचा भाग-1 समवेक्षकाकडे न विसाता परत करणे आवश्यक आहे.

| नमुना प्रश्न                                    |          |              |              |         |            |               |                   |            |        |        |              |  |
|---|----------|--------------|--------------|---------|------------|---------------|-------------------|------------|--------|--------|--------------|--|
| Pick out the correct word to fill in the blank: |          |              |              |         |            |               |                   |            |        |        |              |  |
| Q. No. 201.                                     | I cor    | igratulate   | you          |         | _ your gra | nd succes     | 5S.               |            |        |        |              |  |
|   | (1)      | for          | (2)          | at      | (3         | B) on         | (4)               | about      |        |        |              |  |
|   | ह्या प्र | श्नाचे योग्य | उत्तर ''(3)  | on"     | असे आहे.   | त्यामुळे य    | । प्रश्नाचे उत्तर | "(3)"      | होईल.  | यास्तव | खालीलप्रमाणे |  |
|   | प्रश्न   | क्र. 201 सम  | गोरील उत्तर- | क्रमांक | ''③'' हे   | वर्तुळ पूर्णप | णे छायांकित क     | रून दार्खा | वणे आव | श्यक अ | ाहे.         |  |

प्र. क्र. 201. (1) (2) (

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

कच्चा कामासाठी जागा /SPACE FOR ROUGH WORK