

16. If one card is drawn at random from a well-shuffled deck of 52 playing cards, then the probability of getting a non-face card is

ఒక కటువలడిన 52 పేర మొక్కలు గం ఒక కట్లు సంచి యాగ్రహితుకూ ఒక కట్లు లీసిట్లుయిసీ, అ కార్డు ముఢ కార్డు అంధాదారి గం నంభావ్యక్తి

- | | |
|--------------------|---------------------|
| (1) $\frac{3}{13}$ | (2) $\frac{10}{13}$ |
| (3) $\frac{7}{13}$ | (4) $\frac{4}{13}$ |

17. A lot consists of 144 ball pens of which 20 are defective and the others are good. Rafia will buy a pen if it is good but will not buy if it is defective. The shopkeeper draws one pen at random and gives it to her. The probability that she will buy that pen is

ఒక లాటిల్ 144 బాల్ పెస్సులు కల్పు. నాల్టిల్ 20 లోఫ్టాయ్సు మొను, మరినిని మంచి. బాల్ పెస్సును మార్కుపే కంటింటి, లోఫ్టాయ్సును పెస్సును కొనిటి. దాకాండాలుడు యాగ్రహితుకూ ఒక పెస్సును తీసి అముక త్స్పీ దానిని అమె కొనుగోలు తెయిదారికి గం నంభావ్యక్తి

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|---------------------|----------------------|
| (1) $\frac{5}{36}$ | (2) $\frac{20}{36}$ |
| (3) $\frac{31}{36}$ | (4) $\frac{31}{144}$ |

18. A bag contains 3 red balls and 5 black balls. If a ball is drawn at random from the bag, then the probability of getting a red ball is

ఒక సంతోలి 3 ఎరువు బంచులు పురియి 5 సమాన బంచులు కల్పు. ఆ సంతి సంచి యాగ్రహితుకూ ఒక బంచు తీసువుడు అది ఎరువు బంచి అగుటకి గం నంభావ్యక్తి

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|-------------------|-------------------|
| (1) $\frac{1}{2}$ | (2) $\frac{3}{4}$ |
| (3) $\frac{5}{8}$ | (4) $\frac{3}{8}$ |

19. If the mean of the following frequency distribution is 15, then the value of y is

ఆ కెండి సాసప్పు విభజనము మొక్క వాటిలు 15 అయిసి, y విషయము.

x	5	10	15	20	25
f	6	8	6	y	5

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|--------|-------|
| (1) 8 | (2) 7 |
| (3) 10 | (4) 9 |

SPACE FOR ROUGH WORK / ఉత్సవరిష్టము



20. If the difference between mode and mean of a data is k times the difference between median and mean, then the value of k is
 +4. After how many observations will $\frac{23}{2^2 \times 5}$ be reached?
 കേരളം മുൻകൂട്ട്, അപൂർവ്വമുന്നത്തിൽ അംഗമായിരുന്നു. ദാഹി പാർപ്പിച്ചു മരിച്ചു.
 ഏറ്റവും കുറവും ഉണ്ടാക്കി, k ആണ്
 (1) 2 (2) 3
 (3) 1 (4) Cannot be determined
 ക്രമത്തിലെ
 (3) 3
21. The median of the first 10 prime numbers is
 മുൻ 10 എറ്റവും പുതിയ എഡിഷൻ
 (1) 11 (2) 12
 (3) 13 (4) 14
 (3) 5. The sum of the first 10 prime numbers is 156 മുൻ
 (1) 2 (3) 4
22. For the given data with 50 observations 'the less than ogive' and 'the more than ogive' intersect at the point (15.5, 20). The median of the data is
 ഒരു സൗജന്യ അംഗമാണ് കൂടിയിൽ 50 അംഗങ്ങൾ ഉണ്ടായി. അഥവാ (15.5, 20) ആണ്
 അംഗങ്ങൾ കുറവും അംഗങ്ങൾ മുൻകൂട്ട് പുതിയതും
 (1) 15.5 (2) 20
 (3) 14.5 (4) 15
 (3) 26. For any number
 പുതിയ വാര
 (1) 1 (3) 9
23. The modal class for the following frequency distribution is
 +4. ക്രീം ഓഫീസ് വിഭാഗം മുൻകൂട്ട് ഫോറെറ്റ് കുറഞ്ഞ
 (1) 30 - 40 (2) 20 - 30
 (3) 10 - 20 (4) 50 - 60
 (3) 27. If the L.C.M. of 12 and 15 is 60, then
 (1) 1 (3) 5

x	Less than 10	Less than 20	Less than 30	Less than 40	Less than 50	Less than 60
f	3	12	27	57	75	80
	(1) 10 - 20	(2) 20 - 30	(3) 30 - 40	(4) 50 - 60		

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- 24.** After how many decimal places, the decimal expansion of the rational number $\frac{23}{2^2 \times 5}$ will terminate?

$\frac{23}{2^2 \times 5}$ అను లక్షణాల్ని సంఖ్య రీమక్ చూసి వ్యవరణ ఎన్న తర్వాత శ్వాస తర్వాత అంతములను?

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

- 25.** The sum of the exponents of the prime factors in the prime factorization of 156 is

156 యొక్క ప్రధాన కారణాలక విభజనలోని వ్యాఖాంకాల మొత్తం

- (1) 2 (2) 3
 (3) 4 (4) 6

- 26.** For any natural number n , 9^n **cannot** end with which one of the following digits?

వీడ్యులు ప్రాణ సంఖ్యగ కు, 9^n లువు ఈ క్రింది ఏ అంకం ఉంటుంది?

- (1) 1 (2) 2
 (3) 9 (4) None of these

ఒకే కాను

- 27.** If the LCM of 12 and 42 is $10m + 4$, then the value of m is

12 మరియు 42 ల లక్షణాల క.స.గ. 10 $m + 4$ అయితే, m లుటు

- (1) $\frac{1}{5}$ (2) $\frac{4}{5}$
 (3) 5 (4) 8

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28. The value of $\frac{1}{\log_3 60} + \frac{1}{\log_4 60} + \frac{1}{\log_5 60}$ is

$\frac{1}{\log_3 60} + \frac{1}{\log_4 60} + \frac{1}{\log_5 60}$ என்க அவத்

- (1) 0 (2) 1
(3) 5 (4) 60

29. Which of the following collections is **not** a set?

குறைநாட்டி விடுதலை கட்டுவதை காடும்?

- (1) The collection of natural numbers between 2 and 20

2 முதல் 20 வரை ஒரு விடுதலை விடுதலையும்

- (2) The collection of numbers which satisfy the equation $x^2 - 5x + 6 = 0$

$x^2 - 5x + 6 = 0$ என்பதனால் ஒத்திவிடச் சங்கம் விடுதலையும்

- (3) The collection of prime numbers between 1 and 100

1 முதல் 100 வரை ஒரு பிரைம் விடுதலையும்

- (4) The collection of all brilliant students in a class

கூடுதலாக உண்மை கேள்வி விடுதலை விடுதலை

30. If $P = \{3m : m \in \mathbb{N}\}$ and $Q = \{3^m : m \in \mathbb{N}\}$ are two sets, then

$P = \{3m : m \in \mathbb{N}\}$ மற்றும் $Q = \{3^m : m \in \mathbb{N}\}$ உடைய விடுதலை

- (1) $P \subset Q$ (2) $Q \subset P$
(3) $P = Q$ (4) $P \cup Q = \mathbb{N}$

31. If A and B are disjoint sets and $n(A) = 4, n(A \cup B) = 7$, then the value of $n(B)$

A மற்றும் B உடைய விடுதலை மற்றும் $n(A) = 4, n(A \cup B) = 7$ அவத்து, $n(B)$ விடுதலை

- (1) 7 (2) 4
(3) 3 (4) 11

32. If the sum and product of the zeroes of a quadratic polynomial are 3 and 2 respectively, then the polynomial is

கட்டுரை விடுதலை என்க, வாய்ப் பெற்று முறியும் கூடுமூல வருவாய் 3 முறியும் -10 அவத்து, ஏது

- (1) $x^2 - 3x - 10$ (2) $x^2 + 3x - 10$
(3) $x^2 + 3x + 10$ (4) $x^2 - 3x + 10$

3. If $x = 2$ is

$$x^3 - 6x^2$$

$$(1) 10$$

$$(3) 14$$

4. If α, β value of

$$2x^3 + x^2$$

$$(1) 3$$

$$(3) -1$$

5. The nu-

$$\text{பாக்டீரியா குழுமம்}$$

$$(1) 0$$

$$(3) 2$$

36. The p

$$x + 2y$$

$$(1)$$

$$(3)$$

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33. If $x - 2$ is a factor of the polynomial $x^3 - 6x^2 + ax - 8$, then the value of a is

$x^3 - 6x^2 + ax - 8$ அன் பொன்றீட்டில் $x - 2$ காரணக்காரி, a மீது விடுவ

- (1) 10
(3) 14

- (2) 12
(4) 18

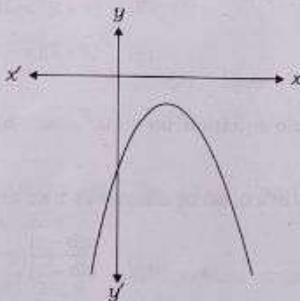
34. If α , β and γ are the zeroes of the cubic polynomial $2x^3 + x^2 - 13x + 6$, then the value of $\alpha\beta\gamma$ is

$2x^3 + x^2 - 13x + 6$ அன் மூன்றாம் பாட்டு யீட்டில் α , β , γ என அலுதி, $\alpha\beta\gamma$ மீது விடுவ

- (1) 3
(3) $-\frac{1}{2}$
(2) -3
(4) $-\frac{13}{2}$

35. The number of zeroes of the polynomial shown in the graph is

இந்த மாப்பீட்டில் பொன்றீட்டில் யீட்டு சொந்த நங்கு



- (1) 0
(3) 2
(2) 1
(4) None of these

வீதி காலி

6. The pair of linear equations $x+2y-5=0$ and $3x+12y-10=0$ has

$x+2y-5=0$ மற்றும் $3x+12y-10=0$ அன் ரீதிய பார்த்தலை காலு

- (1) no solution
அதான் ரெ
(3) unique solution
ஒரே காந்தன் காலயால்
(2) two solutions
ரெங்கு காந்தன் காலயால்
(4) infinitely many solutions
அனங்கு காந்தன் காலயால்

SPACE FOR ROUGH WORK / அடிப்படை போதுமை

37. In a competitive examination, 1 mark is awarded for each correct answer. $\frac{1}{2}$ mark is deducted for each wrong answer. If a student answered 120 questions and got 90 marks, then the number of questions that the student answered correctly was

கூட எடுத்தால், ஏதுமிலும் விடாவதற்கு, அதற்கு முன் எடுத்து விடாவதற்கு $\frac{1}{2}$ மாதிரி விடப்படும். ஏதுமிலும் விடாவதற்கு 1 மாதிரி விட்டு, அதற்கு முன் எடுத்து விடாவதற்கு $\frac{1}{2}$ மாதிரி விடப்படும். ஏதுமிலும் விடாவதற்கு 120 பிரதிகால விடாவதற்கு 90 மாதிரிகள் விடுவதற்கும் அதற்கு விடப்படும் நிலை பிரதிகால விடாவதற்கு

- (1) 90
(3) 110

- (2) 100
(4) None of these
விடாவதற்கு

38. Which of the following is *not* a quadratic equation?

சீர்க்காலத்தில் ஏதுமிலும் விடாவதற்கு காலும்?

- (1) $(x+1)^3 = x^3 - 2$
(3) $(x+2)^2 + 3 = x - 1$

- (2) $(x+1)^2 = 3(x-2)$
(4) $(x+2)(x-1) = (x+1)(x-3)$

39. If one root of the quadratic equation $a(b-c)x^2 + b(c-a)x + c(a-b) = 0$ is 1, then the other root is

$a(b-c)x^2 + b(c-a)x + c(a-b) = 0$ அவை விடுவதற்காவது 1 ஒக்கு விடுவதற்காவது, முஞ்சு முங்கை விடுவதற்காவது

- (1) $\frac{b(c-a)}{a(b-c)}$
(3) $\frac{a(b-c)}{b(c-a)}$
- (2) $\frac{a(b-c)}{c(a-b)}$
(4) $\frac{c(a-b)}{a(b-c)}$

40. If the sum and product of the roots of the quadratic equation $kx^2 + 6x + 4k = 0$ are equal, then the value of k is

- $kx^2 + 6x + 4k = 0$ அவை விடுவதற்கால மீது, முங்கை மீது, முங்கை எழுதுகிற விடுவதற்கால, k என்க
- (1) $-\frac{3}{2}$
(3) $\frac{2}{3}$
- (2) $\frac{3}{2}$
(4) $-\frac{2}{3}$

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41. If the no. of questions answered correctly is $n - 3$, then the no. of questions answered incorrectly is

- (1) 1
(3) 3

42. In an arithmetic progression, the common difference is

- (1) 5
(3) 7

43. Which of the following is a rational number?

- 2, $\sqrt{2}$,
(1) 1
(3) 1

44. If the term

- 162,
(1)
(3)

45. The

- A(-5)
(1)
(3)

41. If the numbers $n - 3$, $4n - 2$ and $5n + 1$ are in arithmetic progression, then the value of n is

$n - 3$, $4n - 2$ మరియు $5n + 1$ వంటలు అంకితిల్లా ఉంటి, n ఇటువు

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

42. In an arithmetic progression, 25th term is 70 more than the 15th term, then the common difference is

ఒక అంకితిల్లా 25 వ చిన్న, 15 వ చిన్న కంటే 70 ఎక్కువ అయిన, లభిస్తే చీడిము

- | | |
|-------|------------------|
| (1) 5 | (2) 6 |
| (3) 7 | (4) 8 |

43. Which term of the geometric progression $2, 2\sqrt{2}, 4, \dots$ is 128?

$2, 2\sqrt{2}, 4, \dots$ అనే గలికితిల్లా 128 వన్నిచిన్న చిన్నము?

- | | |
|----------|---------------------|
| (1) 11th | (2) 12th |
| (3) 13th | (4) 14th |

44. If the geometric progressions $162, 54, 18, \dots$ and $\frac{2}{81}, \frac{2}{27}, \frac{2}{9}, \dots$ have their n th term equal, then the value of n is

$162, 54, 18, \dots$ మరియు $\frac{2}{81}, \frac{2}{27}, \frac{2}{9}, \dots$ అనే గలికితిల్లా గన చిన్నాలు నమోదువున్నాయి, గ ఇటువు

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|-------|------------------|
| (1) 3 | (2) 4 |
| (3) 5 | (4) 6 |

45. The points $A(-5, 0)$, $B(5, 0)$ and $C(0, 4)$ are the vertices of which triangle?

$A(-5, 0)$, $B(5, 0)$ మరియు $C(0, 4)$ లందువులు కొడ్దులుగా గల త్రిభుజము ఏది?

- | | |
|-----------------------------|-----------------------------|
| (1) A right-angled triangle | (2) An equilateral triangle |
| ఒక ఎంబెక్షన్ త్రిభుజము | ఒక సమఖ్యాతు త్రిభుజము |
| (3) An isosceles triangle | (4) A scalene triangle |
| ఒక సమద్విబహు త్రిభుజము | ఒక విషమబహు త్రిభుజము |

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46. The X -axis divides the line joining the points $A(2, -3)$ and $B(5, 6)$ in the ratio $(1) 1 : 2$ (2) $2 : 1$
 $A(2, -3)$ පරිය $B(5, 6)$ උග්‍රහය කිරීමෙන් X -ංකු වියැවටි නියුතු
 $(3) 3 : 5$ (4) $2 : 3$

47. If four vertices of a parallelogram are $(-3, -1), (a, b), (3, 3)$ and $(4, 3)$, then the ratio of a and b is

$(-3, -1), (a, b), (3, 3)$ පරිය $(4, 3)$ යන් කේඛාලී තිබුක්සු නෑමාංගල වෙනසුහා මෙයින්

- a පරිය b අනුමත (2) $1 : 2$
 $(1) 4 : 1$ (4) $3 : 1$
 $(3) 1 : 3$

48. If the points $(a, 0), (0, b)$ and $(1, 1)$ are collinear, then $\frac{1}{a} + \frac{1}{b} =$

- $(a, 0), (0, b)$ පරිය $(1, 1)$ නෑම් අනුමත වෙනසුදායුවේ, $\frac{1}{a} + \frac{1}{b} =$
 $(1) -1$ (2) 0
 $(3) 1$ (4) 2

49. If the centroid of the triangle formed by the points $(3, -5), (-7, 4)$ and $(10, -k)$ is the point $(k, -1)$, then the value of k is

- $(3, -5), (-7, 4)$ පරිය $(10, -k)$ නෑම් අනුමත වෙනසුදායුවේ පුරුදී මිත්‍යම යුතු, ගුරුතු කේරු, $(k, -1)$ නෑම් අනුමත නෑමියා ඇතුළුවේ k නෙයි
 $(1) 1$ (2) 2
 $(3) 3$ (4) 4

50. If AM and PN are the altitudes of two similar triangles ΔABC and ΔPQR and $(AB)^2 : (PQ)^2 = 4 : 9$, then $AM : PN =$

- AM පරිය PN යා පියා ප්‍රාග්ධන මිත්‍යම ඇතුළුවේ ΔABC පරිය ΔPQR නෑම් අනුමත නෙයි
 $(AB)^2 : (PQ)^2 = 4 : 9$ නෑම්, $AM : PN =$

- $(1) 3 : 2$ (2) $16 : 81$
 $(3) 4 : 9$ (4) $2 : 3$

SPACE FOR ROUGH WORK / නෑම් නෑම් නෑම්

Blue co

රාම ඩීප්

(1) H

(3) C

2. If i_1 a
respec

ඉතුදු

සම්බන්ධ

(1) i

(3) i

3. The n

වෙශ්‍යා

(1)

(3)

Volt

වේශ්‍යා

(1)

55. The

ක්‍රියා

(1)

(3)



SECTION-II : PHYSICS

51. Blue colour of the sky is due to the scattering of light by the molecules of air and water vapour in the atmosphere. This scattering is more intense at shorter wavelength.

- (1) H_2
 (3) CO_2

- (2) H_2O
 (4) N_2 and O_2
 N_2 మరియు O_2

52. If i_1 and i_2 are the angle of incidence and angle of emergence due to a prism respectively, then at the angle of minimum deviation

ఈ ప్రశ్నకం దీను వెతుకు కోణం మరియు లోల్దు కోణాల వరువా i_1 మరియు i_2 ల అయితే కొన్ని వరుల కోణం వద్ద అరుగుని

- (1) $i_1 = i_2$
 (3) $i_1 < i_2$

- (2) $i_1 > i_2$
 (4) None of these

ఇటీ రాచు

53. The minimum focal length of the eye-lens of a healthy human being is

ఆర్గ్యూవండ్లెన్ మాన్సుని దీనుకు కంటే కుట్ట నాట్యంగా రాయి

- | | |
|-----------------------------|---------------------------|
| (1) 25 cm
25 సె. మీ. | (2) 2.5 cm
2.5 సె. మీ. |
| (3) 2.27 cm
2.27 సె. మీ. | (4) 1 cm
1 సె. మీ. |

54. Volt per ampere is called

$\frac{V}{A}$ / అంపెల్ దీనికి నమిసు

- | | |
|------------------------|-------------------|
| (1) watt
వాత్ | (2) ohm
ఎం |
| (3) coulomb
మాలూంబ్ | (4) joule
జాల్ |

55. The device which maintains a constant potential difference between its ends is called

తనించు దివరలూ ప్రాథమిక ప్రాథమిక తెలాసు కలుగేయు లాభం

- | | |
|-------------------------|-----------------------------------------|
| (1) battery
బెట్టారీ | (2) multimeter
ముల్టిమెటర్ |
| (3) ammeter
అమెటర్ | (4) electric bulb
ఎలెక్ట్రిక్ బాల్బ్ |

SPACE FOR ROUGH WORK / ఇంచుపోకి ల్లాసుము

56. Two resistors of $0.4\ \Omega$ and $0.6\ \Omega$ are connected in parallel combination. The equivalent resistance is
 $0.4\ \Omega$ మరియు $0.6\ \Omega$ వాయిదల కొరకు స్పెషన్ వెరోసం వేసినాయి. నీరిత లభించిన
 (1) $1\ \Omega$ (2) $0.5\ \Omega$
 (3) $0.24\ \Omega$ (4) $0.1\ \Omega$

57. The junction law proposed by Kirchhoff is based on
 కొన్కన ప్రశాంతించిన సంగతి రియవుం ద్వారా అధారించబడి

- (1) conservation of mass (2) conservation of momentum
 ద్రవ్యాల నిర్వహించాలని
 (3) conservation of energy (4) conservation of charge
 అణవాల నిర్వహించాలని

58. The materials which have large number of free electrons and offer low resistance are called
 అట్టి సంఘార్థ స్పెషన్ వెరోసం కలిగి ఉండి అట్టినీటు కలిగి ఉండు వెద్దాలు

- (1) semiconductors (2) conductors
 అస్ట్రాక్టర్లు
 (3) insulators (4) None of these
 ఇంజర్లు

59. A fuse is made up of

- ఫ్యూస్ తయార్కించాడు ఈ
 (1) thin wire of high melting point
 స్పూగ ఉండి, అట్టి గ్రెటింగు క్రూసం కలిగి ఉండడం
 (2) thin wire of low melting point
 స్పూగ ఉండి, అట్టి గ్రెటింగు క్రూసం కలిగి ఉండుట
 (3) thick wire of high melting point
 సుందరం ఉండి, అట్టి గ్రెటింగు క్రూసం కలిగి ఉండుట
 (4) thick wire of low melting point
 సుందరం ఉండి, అట్టి గ్రెటింగు క్రూసం కలిగి ఉండడం

SPACE FOR ROUGH WORK / అట్టిపటకిప్పాలను

50. If the strength of current is $10^{-8}\ \Omega^{-1}$
 2 mamp
 200

- (1) $10^{-10}\ C$
 (3) $2 \times 10^{-8}\ C$

51. An electric bulb has a power of
 (1) $10^{-10}\ W$
 (3) $10^{-8}\ W$

52. The electrical day is
 60 W
 (1) $10^{-10}\ s$
 (3) $10^{-8}\ s$

53. The
 H.C.
 (1)

(2)

(3)

(4)



60. If the specific resistance of a wire of length 2 m and area of cross-section 1 mm^2 is $10^{-8} \Omega\text{-m}$, then calculate the resistance.

2 m நீளமுடைய 1 mm^2 கழிவுபூர்வ இலக்கி கீழாற்றும் சாதனம் $10^{-8} \Omega\text{-m}$ அவற்றை கணக்கி வருங்

206

- (1) $10^{-2} \Omega$ (2) 2Ω
(3) $2 \times 10^{-5} \Omega$ (4) $2 \times 10^{-2} \Omega$

61. An evidence for the motion of charge in the atmosphere is provided by

ஈசுவரன்தால் அவை பல்லாடு கலெக்டிவீஸ் கூட்டுரல்

- (1) rainbow (2) mirage
சுந்திரவீஸு மீராஜவீஸு
(3) thunder (4) lightening
குருமு புறங்கு

62. The electric energy (in kWh) consumed in operating a bulb of 60 W for 10 hours a day is

60 W சமீர்ணமாக பூட்டுக் கொண்ட 10 மோவ் காலை வாய்க்கால படியுத்துக்கீ (kWh எாக்)

- (1) 0.6 (2) 6
(3) 36 (4) 12

63. The scientific demonstration of H.C. Oersted is related to the study of

H.C. ஓர்ஸ்ட் பூட்டுவினா பிள்ளைப்பீன் பிரீமியாக

- (1) electric discharge through air
ஏரிட் படியுத்துக்கீ
(2) relationship between voltage and current
வீதிக்கீ, வடியுத்துக்கீ வழுத்துக்கீ வாய்க்கால
(3) magnetic effect of current
கமிக்கீ பூட்டுமாக வடியுத்துக்கீ பூட்டுமாக
(4) refraction of light

காலை படியுத்துக்கீ

SPACE FOR ROUGH WORK / ஒடுவிக்கீக்கவேண்டும்

64. Pick the **correct** answer from the following two statements :

ತೀವಿ ರೆಂಡು ನಾಗ್ರಾಹಿತನಿಂದ ಪರಿಪೂರ್ವ ನಮ್ಮಾರಾಸಂ ಎಂದಿಕ ನೇಯಿಂದಿ:

- (a) Within a bar magnet, magnetic field lines travel from south pole to north pole, अಯಃ್ಕಾರ್ತ ಬಳರೆಖೆ ದಕ್ಷಿಣ ಧೈಯಂ ಸುಂದೆ ಕತ್ತರಿದ್ದ್ವಾದಂ ಶೈಲ್ಪಕ ವಿಧಾನ
 (b) Outside bar magnet, magnetic field lines travel from north pole to south pole, ದಂಡಾರ್ಥನಾಗಂ ವೆಲುವಲ, ಅಯಃ್ಕಾರ್ತ ಬಳರೆಖೆ ಕತ್ತರಿ ಧೈಯಂ ಸುಂದೆ ದಕ್ಷಿಣಧೈಯಂ ಶೈಲ್ಪಕ ವಿಧಾನ
- (1) Both (a) and (b) are true
 (a) ಮರಿಯ (b) ರಂಡೂ ನಿರ್ಣಯ
 (2) Both (a) and (b) are false
 (a) ಮರಿಯ (b) ರಂಡೂ ತಪ್ಪಾಗಿ
 (3) Only (a) is true
 (a) ಮಾತ್ರಮೇ ನಿಜಮೆ
 (4) Only (b) is true
 (b) ಮಾತ್ರಮೇ ನಿಜಮೆ

67. Mech

ಉದ್ದೇಶ

(1)

(3)

68. The

coil

ತೀವ್ಯಾ

(1)

(3)

69. An i

max

500

ಒತ್ತು

(1)

(3)

70. If e

flux

e v

(1)

65. Weber is the S.I. unit of

ವೆಬರ್ ಅನುಕ್ರಮಿ ದೇವಿ S.I. ಗ್ರಾಹಣಂ

(1) magnetic pole strength

ಅಯಃ್ಕಾರ್ತ ಧೈಯವರ್ತನ್ಯಾ

(2) magnetic moment

ಅಯಃ್ಕಾರ್ತ ಭ್ರಾಹಿಕಂ

(3) magnetic flux

ಅಯಃ್ಕಾರ್ತ ಅರ್ಥಾರ್ಪಾ

(4) magnetic flux density

ಅಯಃ್ಕಾರ್ತ ಅರ್ಥಾರ್ಪಾ ಸಂದರ್ಭ

66. The magnetic force acting on a straight wire of length l carrying a current I is placed perpendicular to the uniform magnetic field B is
 I ಅಡ್ಡು ಮರಿಯ I ವಿದ್ಯುತ್ ಹೊರಾಂ ಕರಿ ಕನ್ನು ಒಟ್ಟು ತೀವ್ಯಾ ಅಯಃ್ಕಾರ್ತ ಶೈಲಂ B ಕು ಉಂಬಾಗ ಉಂಬಂ

(1) IB

(2) I/Bl

(3) B/I

(4) I^2Bl

SPACE FOR ROUGH WORK / ರಚನೆಗೆ ಸ್ಥಾನಮು

