KTET

CATEGORY-3

MATHEMATICS

ANSWER KEY

Question Code : D
Released at : 5:00 pm
Date : 19-01-2025

Competitive Cracker Pvt.Ltd
4th Floor, Meda Tower, Near TV Centre, Kakkanad, Kochi - 37
www.competitivecracker.com
8589083568

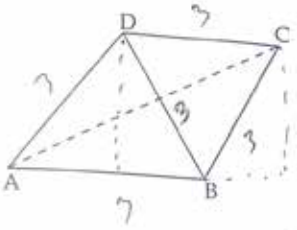
CATEGORY - III

PART - 3

Mathematics

Question Numbers 71 to 150

71. In the figure ABD and BCD are two equilateral triangles. BD = 3 centimeters. What is the length of AC ?



(A) $4.5\sqrt{3}$ centimeters

(B) $3 + \sqrt{3}$ centimeters

(C) $4.5 + \sqrt{3}$ centimeters

(D) $3\sqrt{3}$ centimeters

72. There were 101 participants in an examination. For a participant Priya, the number of participants who scored above her was 1.5 times the number who scored below her. Her rank is :

(A) 41

(B) 61

(C) 40

(D) 60

73. The length and the breadth of a rectangle are in the ratio 2 : 1 and the length is 15 centimeter more than the breadth. What is the length of the rectangle ?

(A) 15 centimeter

(B) 22.5 centimeter

(C) 45 centimeter

(D) 30 centimeter

74. Which of the following is a point on the line joining the points P(4, 2) and Q(9, 7) ?

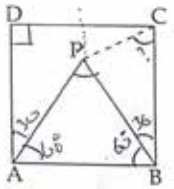
(A) (7, 5)

(B) (5, 4)

(C) (6, 5)

(D) (7, 8)

75. ABCD is a square. PAB is an equilateral triangle. Measure of ∠PCB is :



(A) 60

(B) 45

(C) 75

(D) 65

Code : D

76. In an examination 60% students passed in English, 50% passed in Mathematics, while 30% failed in both. If 220 candidates passed in both, then the total number of participants was :

(A) 360
(B) 720
(C) 440
(D) 550

77. If $a^b = 125$, then what is $a^{\frac{2b}{3}}$?

(A) 25
(B) 125
(C) $\sqrt{125}$
(D) 5

78. If $\left(a + \frac{1}{a}\right)^2 = 3$ then what is $a^3 + \frac{1}{a^3}$?

(A) 2
(B) 3
(C) 1
(D) 0

79. Number of integers between $\sqrt{10}$ and $\sqrt{624}$ is :

(A) 20
(B) 21
(C) 22
(D) 23

80. In triangle PQR PQ = 13 centimeters QR = 14 centimeters. Area of the triangle PQR is 84 square centimeters. Then PR = _____ centimeters.

(A) 12
(B) 13
(C) 15
(D) 16

81. The sum of the interior angles of a regular polygon is equal to the sum of its exterior angles. What is the sum of its interior angles ?

(A) 180
(B) 360
(C) 540
(D) 720

82. 10% of x is same as 20% of y. Then $x : y$ is :

(A) 1 : 2
(B) 1 : $\sqrt{2}$
(C) $\sqrt{2}$: 1
(D) 2 : 1

83. ABC is an isosceles triangle. AB = 6 centimeter, BC = 3 centimeter. What is the perimeter of the triangle ?

(A) 12 centimeters
(B) 9 centimeters
(C) 18 centimeters
(D) 15 centimeters

The Key is prepared by the faculty panel of **Competitive Cracker.**
It is recommended to wait until the release of Kerala pareeksha bhavan key for the final confirmation in your marks

Code : D

84. x^2-1 is a factor of the polynomial ax^3+bx^2+cx+d. Then which of the following statements is not correct ?

(A) $a+b+c+d=0$

(B) $a-b+c-d=0$

(C) $-a+b-c+d=0$

(D) $a-b-c+d=0$

85. $1-2+3-4+5-6+ \ldots\ldots +99-100+101=$

(A) 51

(B) -51

(C) 50

(D) -50

86. A is 20% less than C and B is 40% less than C. What percentage of A is B ?

(A) 75

(B) 80

(C) 60

(D) 20

87. a and b are two consecutive positive integers. $a^2-b^2=2025$. What is $a+b$?

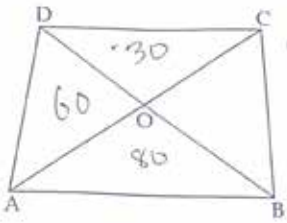
(A) 1012

(B) 1013

(C) 2025

(D) None of the above

88. ABCD is a quadrilateral. Area of triangle AOB is 80 square centimeters. Area of triangle DOC is 30 square centimeters. Area of triangle AOD is 60 square centimeters. What is the area of triangle BOC ?



(A) 40 square centimeters

(B) 25 square centimeters

(C) 60 square centimeters

(D) 100 square centimeters

89. The median of 10 scores 101, 103, 107, 111, 117, 124, 121, 119, 120 and a is 115. Then What is a ?

(A) 115

(B) 113

(C) 114

(D) 117

90. The surface area of a sphere is 80 square centimeters. It is divided into two hemispheres. What is the total surface area of the two hemispheres ?

(A) 80

(B) 100

(C) 120

(D) 90

The Key is prepared by the faculty panel of **Competitive Cracker.**
It is recommended to wait until the release of Kerala pareeksha bhavan key for the final confirmation in your marks

Competitive CRACKER®

മികച്ച അധ്യാപകരാകാൻ
മികച്ച അധ്യാപകരിൽ നിന്ന് പഠിക്കാം

കേരളത്തിൽ ഏറ്റവുമധികം സർക്കാർ അധ്യാപകരെ സൃഷ്ടിച്ച COMPETITIVE CRACKER ൽ

LPSA - UPSA BATCH
ആരംഭിക്കുന്നു.

MISSION
LPSA / UPSA

- Classes Based on New Syllabus
- Well Defined Study Plan
- Solved Previous Year Questions
- Video Classes can be Downloaded
- Mock Tests Mentorship Program
- Technical Support
- Experienced Faculties

CC നിങ്ങളെ ടീച്ചറാക്കും..!!

OUR COURSES

KTET, SET, NET, CTET, HSA, HSST, LPUP

8589083568

WWW.COMPETITIVECRACKER.COM

DOWNLOAD THE APP NOW
App Store
Google play

Competitive Cracker Pvt Ltd ,
4th Floor, MEDA Tower, Near T.V Centre,
Kakkanad, Kochi- 37

Competitive CRACKER

SECRETARIAT ASSISTANT

OUR EXPERT FACULTIES

Ms. Asha Bineesh
Current Affairs

Ms.Sreekala Sreerenj
General English

Mr. Vineeth
Geography & Indian Constitution

Mr. Shyju Chunakkara
Maths

Mr. R. S Rakhil
Economics & Civics

Ms.Yamuna Sreekumar
Science & Technology

Ms. Silpa Abhilash
Arts, Literature, Culture, Sports

Mr.Muhammed Faris. K. P
Current Affairs

Mr.Abin Mathew
History

Ms. Blessy Boban
Basics of Computer

Ms. Revathy Vijayan
Regional language Malayalam

Mr. Sanjay Suresh
Science & Technology

DOWNLOAD THE APP NOW | 8590202323

WWW.COMPETITIVECRACKER.COM

Competitive CRACKER

ഈ **STUDY PLAN**
FOLLOW ചെയ്താൽ
എളുപ്പത്തിൽ
ഒരു സർക്കാർ ജോലി നേടാം

യോഗ്യത : SSLC

ASSISTANT SALESMAN

NEW BATCH STARTED

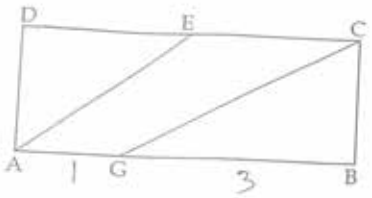
For Admission & More Details
8590202323

ASSISTANT SALESMAN STUDY PLAN

Day	Subject	Topic
Day 1	Biology	ജീവശാസ്ത്രവും പൊതുജനാരോഗ്യവും സാംക്രമിക രോഗങ്ങളും രോഗകാരികളും ജീവിതശൈലീ രോഗങ്ങൾ
	Economics	പണ്ടമാറ്റവും പലതരികൾ, പ്ലാനിംഗ് കമ്മീഷൻ
	English	**Articles – definite and indefinite articles** **Singular and plural**
Day 2	SCERT Biology	CLASS 6 (CHAPTER 8)- ആകാശിനിർത്താം രോഗങ്ങളെ CLASS 10 (CHAPTER 4)- ആകാശിനിർത്താം രോഗങ്ങളെ CLASS 10 (CHAPTER 5) - പ്രതിരോധത്തിന്റെ കാവലാളുകൾ
	SCERT Economics	CLASS 7 (CHAPTER 7) - സമൂഹ ശാസ്ത്ര ചിന്തകൾ CLASS 11 (CHAPTER 19)- ഇന്ത്യയും സാമ്പത്തിക ആസൂത്രണവും
	Maths	സംഖ്യകളും അടിസ്ഥാന ക്രിയകളും
Day 3	Biology	കേരളത്തിലെ ആരോഗ്യമേഖല പ്രവർത്തനങ്ങൾ പരിസ്ഥിതിയും പരിസ്ഥിതി പ്രശ്നങ്ങളും
	Physics	പ്രവർത്തി - ഊർജ്ജം - പവർ - ഗണിത പ്രശ്നങ്ങൾ, ഉത്തോലകങ്ങൾ, വിവിധതരം ഉത്തോലകങ്ങൾ
	Maths	സംഖ്യകളും അടിസ്ഥാന ക്രിയകളും
Day 4	SCERT Physics	CLASS 8 (CHAPTER 8)- അളവുകളും യൂണിറ്റുകളും CLASS 9 (CHAPTER 5)- പ്രവർത്തി ഊർജ്ജം പവർ [illegible] ഊർജത്തിന്റെ ഉറവകൾ [illegible] മാറ്റത്തിന്റെ പൊരുൾ [illegible] ഊർജ്ജ പരിപാലനം

Code : D

91. ABCD is a rectangle. E is the mid point of DC and AG : GB = 1 : 3. Area of AGCE is 30 square centimeters. Then the area of the rectangle ABCD is _____ square centimeters.



(A) 60
(B) 90
(C) 45
(D) 80

92. m^{th} term of an arithmetic sequence is n and the n^{th} term is m. Then the $(m+n+p)^{th}$ term is :

(A) p
(B) $-p$
(C) $m+n+p$
(D) $m+n-p$

93. If a is an integer, what is the remainder when a^2 is divided by 4 ?

(A) 0
(B) 1
(C) 0 or 1
(D) None of the above

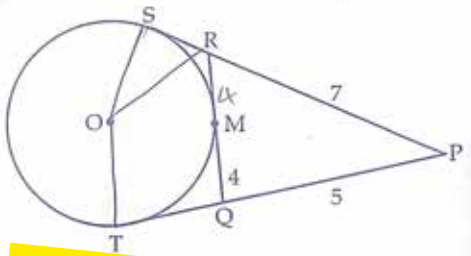
94. a, b, c are the sides of a right triangle. $a+b+c=28$ and $a^2+b^2+c^2=288$. What is the area of the triangle ?

(A) 56
(B) 16
(C) 28
(D) 32

95. If $x=2+\sqrt{5}$ and $xy=1$. Then what is $x+y$?

(A) $2\sqrt{5}$
(B) 4
(C) $2+\sqrt{5}$
(D) $4+2\sqrt{5}$

96. PT, PS and QR are tangents to the circle. PQ = 5 centimeter, QR = 4 centimeter, PR = 7 centimeter. Length of PS is _____ centimeters.



(A) 9
(B) 11
(C) 16
(D) 8

KTET STUDENTS REVIEW

DHANYA D NAIR

KTET Category 3

★★★★★

8589083568

KTET STUDENTS REVIEW

NASMA

KTET Category 3

★★★★★

8589083568

KTET STUDENTS REVIEW

Code : D

KINNARA SATHEESH S

KTET Category 2

★★★★★

8589083568

KTET STUDENTS REVIEW

JITHA DAVIS

KTET Category 1

★★★★★

8589083568

KTET STUDENTS REVIEW

JITHA DAVIS

KTET Category 1

I am very thankful to CC team,Your support and guidance are the main reason behind to achieve category I and category 2.Your study plan ,notes, classes and model exams all helped me alot once again thankyou for all my teachers and mentors...

★★★★★

8589083568

KTET EXAM STUDENTS REVIEW

ALEENA CHERIYAN

KTET CATEGORY 3

Thank you so much missss.....🙏🙏🙏

8589083568

KTET EXAM STUDENTS REVIEW

VISHNUPRIYA S

KTET CATEGORY 3, MALAYALAM

8589083568

KTET STUDENTS REVIEW

NAVYA S VIJAY

KTET Category 4

★★★★★

8589083568

KTET EXAM STUDENTS REVIEW

RAHILA E

KTET CATEGORY 3

Very qualitative class...Teachers are very supportive... Very thankful for urs heartfelt makings...

8589083568

KTET EXAM STUDENTS REVIEW

RASEENA MANKUZHIYAN

KTET CATEGORY 2

8589083568

KTET EXAM STUDENTS REVIEW

AYSHA JULLASAN A P

KTET CATEGORY 3

Valare nalla class ayirnu orro teacher um ,simple ayitte venda topic mathrm include akeete ayirunu. Last le ulla live session okkey nalla helpfull ayirnu Thank you CC

8589083568

KTET EXAM STUDENTS REVIEW

GAYATHRI DEVI H

KTET CATEGORY 1

Thank u CC for supporting me for whole study journy.... all the teachers are full supporting in this journey

8589083568

LPSA&UPSA

Code : D

റാങ്കുകൾ തൂത്തുവാരി Competitive Crackerന്റെ ചുണക്കുട്ടികൾ

Code : D

97. If $x^2+ax+b=0$ has only one solution, then :

(A) $a^2=4b$

(B) $b^2=4a$

(C) $a^2+4b=0$

(D) $b^2+4a=0$

98. The value of $\tan 44 \times \tan 45 \times \tan 46$ is :

(A) $\sqrt{2}$

(B) $\sqrt{3}$

(C) -1

(D) 1

99. A line with slope 3 is passing through (3, 4) and (2, a). Then what is a ?

(A) 3

(B) 1

(C) -3

(D) -1

100. If $\sin x = \frac{a}{b}$, what is $\tan x$?

(A) $\frac{\sqrt{b^2-a^2}}{a}$

(B) $\frac{a}{\sqrt{b^2-a^2}}$

(C) $\frac{a}{\sqrt{a^2-b^2}}$

(D) $\frac{\sqrt{a^2-b^2}}{a}$

101. In triangle ABC, AB = 4 centimeters, AC = 6 centimeters and AD is the bisector of $\angle A$. Which of the following statements is correct ?

(A) BD will be equal to 4 or greater than 4.

(B) BD will be less than 4.

(C) BD will be greater than 4.

(D) BD will be less than or equal to 4.

102. The angles of a pentagon are in arithmetic sequence. Then which of the following statements is correct ?

(A) Its smallest angle will be greater than 36.

(B) Its smallest angle will be equal to 36.

(C) Its smallest angle will be less than 36.

(D) Its smallest angle will be greater than or equal to 36.

103. In triangle PQR, $\angle Q = 90°$, PR = 18 centimeter and its inradius is 2 centimeter. What is the area of the triangle ?

(A) 40 square centimeters

(B) 36 square centimeters

(C) 18 square centimeters

(D) 20 square centimeters

The Key is prepared by the faculty panel of **Competitive Cracker.**
It is recommended to wait until the release of Kerala pareeksha bhavan key for the final confirmation in your marks

Code : D

104. The sum of 11 consecutive natural numbers is 2024. The sum of the smallest and the largest among them is :

(A) 368

(B) 184

(C) 1012

(D) 179

105. A candidate is ranked 100th from the top and 99th from the bottom in an examination. The number of candidate who participated in the examination is :

(A) 197

(B) 198

(C) 199

(D) 200

106. What is the probability of having 5 Mondays in December in a year ?

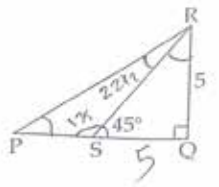
(A) $\frac{1}{7}$

(B) $\frac{2}{7}$

(C) $\frac{3}{7}$

(D) $\frac{4}{7}$

107. In triangle PQR $\angle Q = 90°$, $\angle R = 67\frac{1}{2}°$ QR = 5 centimeters. $\angle RSQ = 45°$. What is the length of PQ ?



(A) $5\sqrt{2}$ centimeters

(B) $5\sqrt{2} + 10$ centimeters

(C) $5\sqrt{2} + 5$ centimeters

(D) $5 + \sqrt{2}$ centimeters

108. a, b, c are the sides of a triangle and $b^2 > a^2 + c^2$. Then it is a :

(A) a right triangle.

(B) an acute angled triangle.

(C) an obtuse angled triangle.

(D) an equilateral triangle.

109. The number of isosceles triangles in which one angle is 4 times another angle is :

(A) 2

(B) 1

(C) 0

(D) Infinite

716 8 D

Competitive CRACKER

KTET 1,2,3,4

നിങ്ങൾ നേടിയിരിക്കും

LONG BATCH STARTED

- Full Syllabus Coverage
- Special Mentorship Programme
- Model Exams
- Daily Topic Revision
- Extra Live Classes
- PYQ Discussions

DOWNLOAD THE APP NOW

App Store | Google play

8589083568

WWW.COMPETITIVECRACKER.COM

JOIN NOW

Code : D

110. $\left(\frac{3}{10}+\frac{3}{50}\right)^{\frac{1}{4}}$ is equal to :

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

(B) $\frac{\sqrt{3}}{5}$

(C) $\frac{\sqrt{3}}{\sqrt{5}}$

(D) $\frac{3}{\sqrt{5}}$

111. Four numbers are given below. Which among them is a perfect square ?

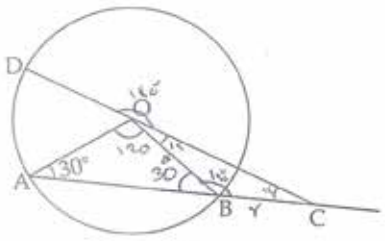
(A) $2^3\times3^4\times4^2$

(B) $2^4\times3^2\times4^3$

(C) $2^4\times3^3\times4^2$

(D) $2^2\times3^3\times4^4$

112. O is the centre of the circle. Chord AB is produced to C. O is a point on CD. $\angle A = 30°$ and $OA = BC$. What is the measure of $\angle AOD$?



(A) 30°

(B) 45°

(C) 38°

(D) 15°

113. The sum of the digits of the number $10^n - 10$ is 963. Then n is _____

(A) 18

(B) 109

(C) 108

(D) 19

114. The sum of first 15 terms and the sum of first 7 terms of an arithmetic sequence are in the ratio 5 : 1. Then its 8th term and the 4th term are in the ratio :

(A) 5 : 1

(B) 15 : 7

(C) 2 : 1

(D) 7 : 3

115. A circle is cut into 12 equal sectors. From this one sector is rolled up to form a cone. What is ratio of the base radius and slant height of the cone ?

(A) 1 : 12

(B) 1 : 30

(C) 1 : 6

(D) 1 : $\sqrt{12}$

Code : D

116. In triangle PQR, $\angle P = 135^\circ$ and QR = 6 centimeter. What is the radius of its circumcircle ?

(A) $3\sqrt{2}$ centimeter

(B) 3 centimeter

(C) $3\sqrt{3}$ centimeter

(D) 1.5 centimeter

117. Hari needs 24 days to complete a work. Beena needs 40 days to complete the same work. How many days are needed for them to complete work together ?

(A) 32

(B) 20

(C) 15

(D) 16

118. What is half of 4^{40} ?

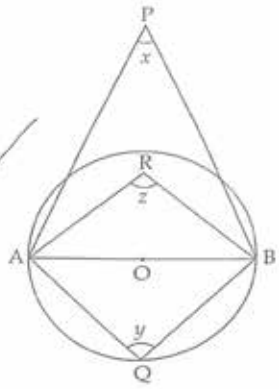
(A) 4^{39}

(B) 2^{40}

(C) 2^{79}

(D) 4^{20}

119. In the figure AB is a diameter. Q is a point on the circle. If $\angle P = x^\circ$, $\angle Q = y^\circ$, $\angle R = z^\circ$ and x, y, z are in arithmetic sequence. Which of the following statement is correct ?



(A) $x < y$ and $x + y = 180$

(B) $x < z$ and $x + z = 180$

(C) $y < z$ and $y + z = 180$

(D) $x < y < z$ and $x + y + z = 180$

120. Which of the following is not the ratio of the sides of a right triangle ?

(A) $1 : 1 : \sqrt{2}$

(B) $1 : \sqrt{3} : 2$

(C) 3 : 4 : 5

(D) 5 : 9 : 12

The Key is prepared by the faculty panel of **Competitive Cracker.**
It is recommended to wait until the release of Kerala pareeksha bhavan key for the final confirmation in your marks

Competitive CRACKER

CTET പരീക്ഷക്ക്

ഇന്നുമുതൽ പഠിച്ചു തുടങ്ങാം.

അധ്യാപനം എന്ന സ്വപ്നം നേടാം

Join Our Crash Batch

FEATURES

- Group Activity
- Special Mentorship Programme
- Pdf Notes
- Weekly Exams
- Time Table Based Revision
- Extra Live Classes
- Recorded Classes

ഇനി പഠനം വേഗത്തിലാക്കാം
CC യ്ക്കൊപ്പം

JOIN NOW

8589083568
WWW.COMPETITIVECRACKER.COM

DOWNLOAD THE APP NOW

Download on the App Store | ANDROID APP ON Google play

Code : D

121. The main goal of Mathematics Education is :

(A) to formulates theorems of geometry and their proofs independently

(B) to help the students to understand Mathematician

(C) to develop useful capabilities

(D) to develop children's abilities for Mathematisation

122. Learning by doing is based on which type of Methods of Teaching ?

(A) Inductive Method

(B) Deductive Method

(C) Heuristic Method

(D) Project Method

123. The new pedagogical and curricular structure according to NEP 2020 is :

(A) 5+3+4+3

(B) 4+4+3+3

(C) 5+3+3+4

(D) 5+4+3+5

124. Who wrote the book 'Siddhantha Shiromani' ?

(A) Jyeshtadeva

(B) Bhaskaracharya II

(C) Sangamagrama Madhavan

(D) Neelakanda Somayaji

125. When a learner goes through the activity he has done, he will realise his strength and limitations. This level of assessment is known as :

(A) Assessment through Learning

(B) Assessment for Learning

(C) Assessment of Learning

(D) Assessment as Learning

126. Information processing family of Models of teaching give importance to the development of _____.

(A) behaviour modification

(B) social relations

(C) social values

(D) concept formation and hypothesis testing

127. Mention the correct in the context of Giftedness in Mathematics :

(A) Gifted learners are free from disability

(B) Gifted learners have comparatively more pace than others

(C) Gifted learners are always happy

(D) Gifted learners are excel in all areas

128. According to Lev Vygotsky, the Cognitive developments depends upon :

(A) Genetics

(B) Social Interaction

(C) Physical Maturity

(D) Mental Maturity

Code : D

129. The extent or degree of correlation between pairs of variable is determined in the form of a number and its value is in between :

(A) −1 to 1
(B) −1 to 0
(C) 0 to 1
(D) None of these

130. Which is the least important in teaching ?

(A) Using TLM in classroom Teaching
(B) Punishing students
(C) Uses impressionistic ways of teaching
(D) Draws sketches of figures

131. In Gagne's hierarchy of Learning, the first stage of learning is :

(A) Verbal Association Learning
(B) Multiple Discrimination Learning
(C) Signal Learning
(D) Problem Solving

132. Which programme is defined as a systematic application of reinforcement theory to the analysis and construction of complex collection which represents the mastery of subject matter ?

(A) Linear Programming
(B) Computer Assisted Programming
(C) Branched Programming
(D) Mathetics Programming

133. The Purpose of an Achievement test is to :

(A) test whether the objectives are attained or not
(B) understand the effectiveness of learning activities provided
(C) test the achievement of students
(D) all of the above

134. Identity the hierarchical order of the objectives under the psychomotor domain according to Benjamin S. Bloom.

(I) Imitation
(II) Precision
(III) Manipulation
(IV) Naturalisation
(V) Articulation

(A) (I), (II), (IV), (III), (V)
(B) (II), (I), (V), (IV), (III)
(C) (I), (III), (II), (V), (IV)
(D) (II), (V), (IV), (III), (I)

135. Consider a test meant for selecting a candidate for a particular job, which type of validity is needed in the test ?

(A) Predictive Validity
(B) Construct Validity
(C) Congruent Validity
(D) Concurrent Validity

Competitive CRACKER®

8589083568
WWW.COMPETITIVECRACKER.COM

300 ൽ അധികം

HSA അധ്യാപകരെ സർവ്വീസിൽ എത്തിച്ച കേരളത്തിലെ ഒരേ ഒരു സ്ഥാപനം


SONA P
(KOZHIKODE/ HINDI)
Rank 1st


SHINIL KUMAR
(PALAKKAD/ NATURAL SCIENCE)
Rank 1st


ANITA BOSE
(KOTTAYAM/ MATHS)
Rank 2nd


SINESH V
(WAYANAD/ MALAYALAM)
Rank 2nd


ANANYA S KUMAR
(MALAPPURAM/ ENGLISH)
Rank 2nd


PANCHAMI B S
(KOLLAM/ ENGLISH)
Rank 3rd


UDAYAN S
(TVM/ MALAYALAM)
Rank 3rd


HUDA ABDUL GHANI
(KANNUR/ ENGLISH)
Rank 3rd


SUBHALEKSHMI
(KOLLAM/ ENGLISH)
Rank 3rd


SEENA K
(KOZHIKODE/ MALAYALAM)
Rank 3rd


NAVANATHASIA RAJAN (IDUKKI / MALAYALAM)
Rank 4th


RAKHI L NAIR
(KOLLAM/ MALAYALAM)
Rank 4th


Livya Varghese K
(THRISSUR/ ENGLISH)
Rank 4th

SCAN TO SEE THE RESULTS

MISSION HSA 2025

PHYSICAL SCIENCE | MATHS | NATURAL SCIENCE
ENGLISH | MALAYALAM | HINDI | SOCIAL SCIENCE

DOWNLOAD THE APP NOW
App Store | Google play

Competitive Cracker Pvt Ltd ,
4th Floor, MEDA Tower, Near T.V Centre,
Kakkanad, Kochi- 37

പുതിയ ബാച്ചുകൾ ആരംഭിക്കുന്നു

136. Who said "Number rules the world" ?

(A) Pythagoras

(B) Plato

(C) Archimedes

(D) Descartes

137. BALA concept which is an initiative supported by UNICEF is _____.

(A) Building As Learning Aid

(B) Book As Learning Aid

(C) Bulletin board As Learning Aid

(D) Blackboard As Learning Aid

138. The evaluation is conducted well during the teaching learning process is _____.

(A) summative evaluation

(B) diagnostic evaluation

(C) formative evaluation

(D) none of these

139. Which of the following statements regarding Mathematics is true ?

(A) Mathematics is a tool.

(B) Mathematics is a form of art.

(C) Mathematics is a language.

(D) All of the above

140. Multiple intelligence theory was proposed by :

(A) Daniel Goleman

(B) Howard Gardner

(C) Spearman

(D) Piaget

141. Which one is NOT included in Micro Teaching Cycle ?

(A) Thinking

(B) Teaching

(C) Planning

(D) Feedback

142. Which of the following is NOT a pre requisite to learn to draw a tangent to a circle from an external point ?

(A) Radius of the circle

(B) Right angle

(C) Distance between the centre and the point

(D) Length of the tangent

143. A child who has gone through the activities and identified problems, evaluates the paths and steps he has gone through and makes necessary correction is :

(A) Reasoning

(B) Logical thinking

(C) Meta thinking

(D) Analytical thinking

Code : D

144. For Planning of a lesson in Mathematics, Teacher should be guided by :

(A) teaching methods

(B) strength of the classroom

(C) problems of the lesson

(D) learning objectives

145. While adding 1 with twice that of a number the result will be 13. Which one is the best suitable problem solving strategies used to solve the problem ?

(A) Think Backward

(B) Make table

(C) Look for a pattern

(D) Guess and Check

146. The biography "The Man Who Knew Infinity" was written about which mathematician ?

(A) Carl Frederic Gauss

(B) Rene Descartes

(C) Sreenivasa Ramanujan

(D) Sigmund Freud

147. In this Method of Teaching which places the student as possible in the attitude of a discoverer - which is the method ?

(A) Play way Method

(B) Heuristic Method

(C) Laboratory Method

(D) Project Method

148. A child is not able to differentiate Squares from Rectangles and assign both of them same category. According to Van Hiele's Theory of Geometrical reasoning, the student is at which level ?

(A) Axiomatic Level

(B) Visualisation Level

(C) Deduction Level

(D) Analysis Level

149. Which day is celebrated as the National Statistics Day ?

(A) June 29

(B) December 22

(C) December 10

(D) June 19

150. 'Unknown to known' is used in which method of teaching ?

(A) Demonstration Method

(B) Experimental Method

(C) Analytic Method

(D) Synthetic Method

- o 0 o -

Competitive CRACKER

1450

അധ്യാപകരെ സൃഷ്ടിച്ച
CC ക്കൊപ്പം NET നേടാം

JUNE 2025 VICTORY BATCH

ADMISSION STARTED

Our Courses

GENERAL PAPER | ENGLISH | ECONOMICS | COMMERCE
MANAGEMENT | CSIR PHYSICS

Join Now

9778826292
WWW.COMPETITIVECRACKER.COM

DOWNLOAD THE APP
App Store Google play

Competitive CRACKER

മടിക്കാതെ തുടങ്ങാം
പഠിച്ചു നേടാം

SET ASTRA 3.0

NEW BATCH STARTED
FOR JULY 2025

English | Hindi | Malayalam | Physics | Chemistry | Botany
Zoology | Maths | Commerce | Economics | History
General Paper

- SPECIAL FEATURES
- LIVE SESSIONS
- RECORDED CLASSES
- PDF NOTES
- SPECIAL MENTORSHIP
- WEEKLY EXAMS

DOWNLOAD THE APP NOW
App Store | Google play

9746455514
WWW.COMPETITIVECRACKER.COM

Competitive CRACKER

KTET APRIL RESULT 2024

ആർക്കും അവകാശപ്പെടാനില്ലാത്ത വിജയം സ്വന്തമാക്കി

CC യും KTET വിദ്യാർത്ഥികളും

TO BE CONTINUED

New batch starting

Join Now

Contact : 8589083568

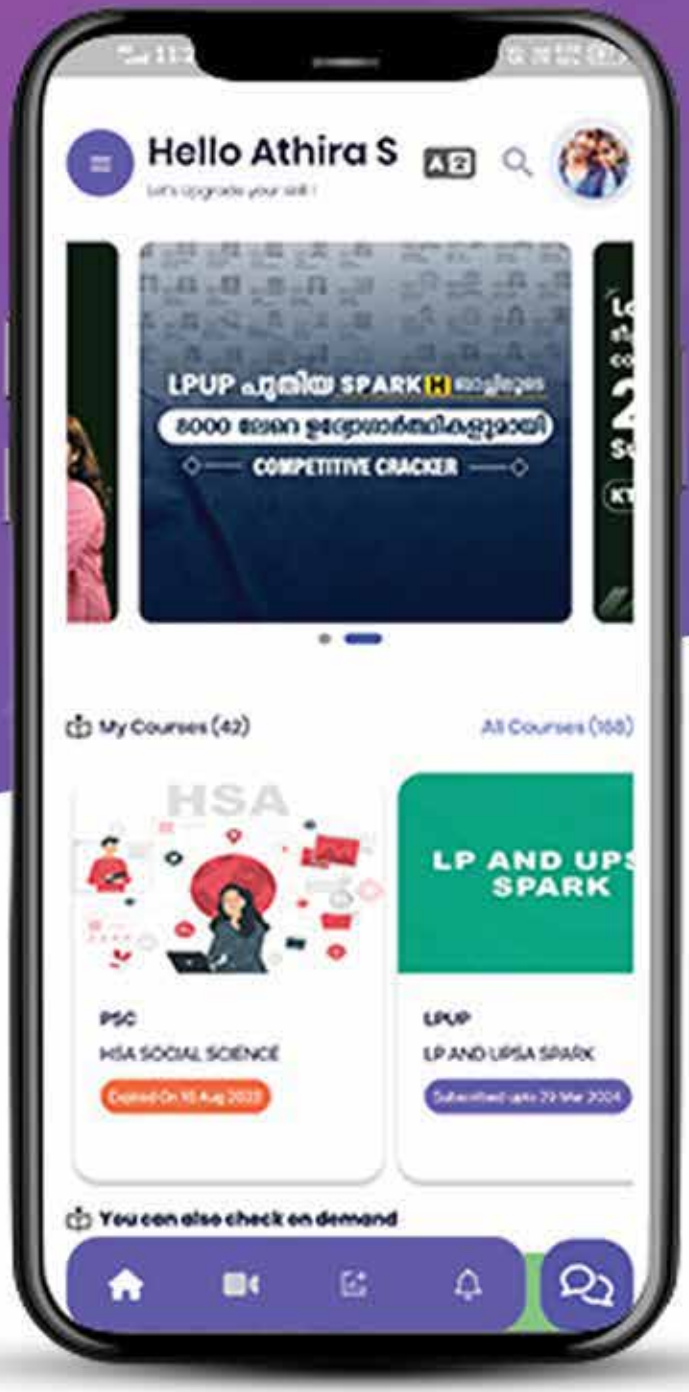
DOWNLOAD THE APP NOW

Competitive CRACKER

CC APP

ANDROID APP ON Google Play

Available on the App Store



SCAN TO DOWNLOAD THE APP