

GOVERNMENT OF ARUNACHAL PRADESH
DIRECTORATE OF ELEMENTARY EDUCATION
ITANAGAR
ARUNACHAL PRADESH STATE BOARD EXAMINATION 2019-20
CLASS : V
SUB : MATHEMATICS

Time: 3 HRS

Full Mark: 100

Pass Mark: 33

GENERAL INSTRUCTIONS:-

1. All Questions are Compulsory.
2. The question paper consist of 5 sections - **A, B, C, D & E**
3. Section 'A' comprises of **20** questions each of **1** mark.
4. Section 'B' comprises of **10** questions each of **2** marks.
5. Section 'C' comprises of **5** questions each of **3** marks.
6. Section 'D' comprises of **5** questions each of **4** marks.
7. Section 'E' comprises of **5** questions each of **5** marks.

SECTION - A

Q1. Choose the correct answer. (5x1=5)

- (i) Two times of a right angle is _____. (100°, 150°, 180°)
- (ii) The number of 25 paise coins in one rupee is _____. (4, 3, 2)
- (iii) There are _____ faces in a cuboid. (6, 8, 12)
- (iv) Angle less than 90° is called _____. (right, acute, obtuse)
- (v) 1 Kg _____ g of (100, 500, 1000).

Q2. Fill in the blanks. (5x1=5)

- (i) $4532 \times 32 \times 0 =$ _____ (4532, 0, 6421)

32
9054
13596
12
145024
x 6
00000

(ii) There are _____ sides in a quadrilateral. (3, 5, 4)

(iii) $\frac{2}{5}$ of Rs 2 = _____ paise (80P, 60P, 70P)

(iv) $\frac{1}{2}$ of a right angle = _____ (90° , 180° , 45°)

(v) 100 lakh = _____ crore (1, 2, 3)

Q3. Match the following:

(5x1=5)

(i) Right angle

(a) 100 cm

(ii) $5\frac{1}{2}$, $6\frac{3}{11}$, $7\frac{1}{3}$

(b) 90°

(iii) 1m

(c) Mixed fraction

(iv) Straight angle

(d) Proper fraction

(v) $\frac{7}{9}$, $\frac{6}{11}$, $\frac{3}{5}$

(e) 180°

Q4. State True or False.

(5x1=5)

(i) 1 Rupee is equal to 100 paise.

(ii) All prime number is odd.

(iii) 1 is the factor of every number.

(iv) A cube has 6 faces.

(v) 21025 is divisible by 5.

SECTION - B

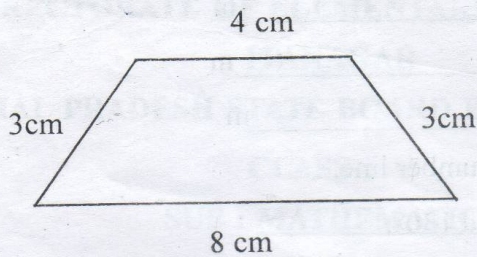
(10x2 = 20)

Q5. Convert each of the following into mixed fraction.

(a) $\frac{15}{7}$

(b) $\frac{31}{4}$

Q6. Find the Perimeter of



Q7. Write the number name according to Indian system of numeration.

(a) 52766666

(b) 435687

Q8. Reduce the following to lowest form.

(a) $\frac{18}{24} = \boxed{\frac{3}{4}}$

(b) $\frac{7}{21} = \boxed{\frac{1}{3}}$

Q9. Simplify:

$3042 + 158 \div 4$

Q10. What is the area of a square sheet, if it's one side is 12 cm long.

Q11. Write first three common multiples of 2 and 3.

Q12. Find the product:

38.426×3.5

Q13. Convert 5 kg into grams.

Q14. Write the prime factorization of 72.

SECTION - C

$(5 \times 3 = 15)$

Q15. Floramma sells prawns for 150 per kg. How much will she earn by selling 10 kg prawns?

Q16. 576 books are to be packed in boxes. If one box has 24 books, how many boxes are needed?

Q17. Write in metre:

- (a) 3m 45cm = _____ m
 (b) 99 cm = _____ m
 (c) 1m and 5cm = _____ m

Q18. Represent 8.5 cm on a number line.

Q19. Draw an angle of 90° and 130° .

SECTION - D

$l \times b \times h = 5 \times 4 \times 6$ (5X4 = 20)

Q20. Find the volume of a book if length = 5 cm, width = 4 cm and height = 6 cm?

Q21. Evaluate. $3480 \div 12$

Q22. In a school's library, data collected for books available for different subjects, are shown in table. Draw a Bar graph for the data.

Subjects	Number of books
English	30
Hindi	50
Maths	70
Science	10

$3 \times 2 = 6$
 $1 + 2 = 3$
 $3 \times 2 = 6$
 $1 + 4 - 2 = 3$
 $= 5 + 2 = 31$

Q23. Simplify. $2 \div 2 + 2 \times 2 - 2 = 1 + 2 - 2 = 1$

Q24. The cost of 6 notebooks is Rs. 504. What will be the cost of 8 notebooks.

$504 \times 8 = 4032$

SECTION - E

(5x5 = 25)

Q25. Ram is leaving for school at 6:30 A.M from home and reaching school at 7:40 A.M. How long did he take to reach school?

Q26. Find H.C.F using short division method 20,24,36.

$7:40$
 $-6:30$
 $1:10$

Q27. (a) Write as decimals $30 + 5 + \frac{4}{100} + \frac{7}{1000} = 35 + 0.04 + 0.007$

$= 35.047$
 $35 + 0.04 + 0.007 = 35.047$
 $1 \times 100 + 4 \times 10 + 7$

(a) Write the expanded form of 32146.

Q28. (a) Find the quotient and remainder of $1234 \div 7$

35
 $35 \times 7 = 245$
 $1234 - 245 = 989$
 $1 \times 100 + 4 \times 10 + 6$

(b) Add. $5 + 55 + 555$

Q29. (a) Subtract. $5204 - 1304$

555
 55
 5
 615

(b) Write the factor tree of 36.