

Paper No. 32

Faisalabad Board
(Second Group)ANNUAL
2017

ACCORDING TO THE NEW PAPER PATTERN OF ALL BOARDS

Roll No. (in Figures): (in Words):

Maximum Marks: 15

(OBJECTIVE TYPE)

Time Allowed : 20 Minutes

	A	B	C	D	Write correct option		A	B	C	D	Write correct option		A	B	C	D	Write correct option
1	(A)	(B)	(C)	(D)		6	(A)	(B)	(C)	(D)		11	(A)	(B)	(C)	(D)	
2	(A)	(B)	(C)	(D)		7	(A)	(B)	(C)	(D)		12	(A)	(B)	(C)	(D)	
3	(A)	(B)	(C)	(D)		8	(A)	(B)	(C)	(D)		13	(A)	(B)	(C)	(D)	
4	(A)	(B)	(C)	(D)		9	(A)	(B)	(C)	(D)		14	(A)	(B)	(C)	(D)	
5	(A)	(B)	(C)	(D)		10	(A)	(B)	(C)	(D)		15	(A)	(B)	(C)	(D)	

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

Q1.

15

- Which ordered pair satisfies the equation $y = 2x$?
(A) (1, 2) (B) (2, 1) (C) (2, 2) (D) (0, 1)
- Distance between points (0, 0) and (1, 1) is:
(A) 0 (B) 1 (C) 2 (D) $\sqrt{2}$
- Two lines can intersect only at one:
(A) line (B) point (C) ray (D) equal
- Medians of a triangle are:
(A) concurrent (B) equal (C) non-concurrent (D) congruent
- Bisection means to divide into _____ equal parts:
(A) 4 (B) 3 (C) 2 (D) many
- Symbol used for congruent is:
(A) \leftrightarrow (B) \sim (C) $=$ (D) \cong
- Similar figures have _____ area:
(A) same (B) congruent (C) different (D) non-congruent
- A point equidistant from the end points of a line-segment is on its:
(A) bisector (B) right-bisector (C) perpendicular (D) median
- $\begin{bmatrix} \sqrt{2} & 0 \\ 0 & \sqrt{2} \end{bmatrix}$ is called _____ matrix:
(A) zero (B) unit (C) scalar (D) singular
- In $\sqrt[3]{35}$ the radicand is:
(A) 3 (B) $\frac{1}{3}$ (C) 35 (D) 3.5
- $\log p - \log q =$ _____:
(A) $\log\left(\frac{q}{p}\right)$ (B) $\log(p - q)$ (C) $\frac{\log p}{\log q}$ (D) $\log\left(\frac{p}{q}\right)$
- $(3 + \sqrt{2})(3 - \sqrt{2}) =$ _____:
(A) 7 (B) -7 (C) -1 (D) 1
- Factors of $a^4 - 4b^4$ are:
(A) $(a - b), (a + b), (a^2 + 4b^2)$ (B) $(a - b), (a + b), (a^2 - 4b^2)$
(C) $(a^2 - 2b^2), (a^2 + 2b^2)$ (D) $(a - 2b), (a^2 + 2b^2)$
- H.C.F. of $a^3 + b^3$ and $a^2 - ab + b^2$ is:
(A) $a + b$ (B) $a^2 - ab + b^2$ (C) $(a - b)^2$ (D) $a^2 + b^2$
- If the capacity "c" of an elevator is at most 1600 pounds then:
(A) $c < 1600$ (B) $c \geq 1600$ (C) $c \leq 1600$ (D) $c > 1600$