

**Percentage MCQ Part-1 For
IB|SSC Scientific
Assistant|NIELIT|IT|PO|Clerk
Exam 2017**

**Some Important Fractions Values in
%:**

1) $1=100\%$

2) $1/2=50\%$

3) $1/3=33.33\%$

4) $1/4=25\%$

5) $1/5=20\%$

6) $1/6=16.66\%$

7) $1/7=14.28\%$

8) $1/8=12.5\%$

9) $1/9=11.11\%$

10) $1/10=10\%$

11) $1/11=9.09\%$

12) $1/12=8.33\%$

13) $1/13=7.69\%$

14) $1/14=7.14\%$

- 15) $1/15=6.66\%$
16) $1/16=6.25\%$
17) $1/17=5.88\%$
18) $1/18=5.55\%$
19) $1/19=5.26\%$
20) $1/20=5\%$
21) $2/3=66.66\%$
22) $3/4=75\%$
23) $5/4=125\%$
24) $5/6=83.33\%$
25) $7/6=116.66\%$
26) $2/7=28.56\%$
27) $3/7=42.84\%$
28) $3/8=37.5\%$
29) $5/8=62.5\%$
30) $7/8=87.5\%$

Solve Percentage Calculation Questions:

1) 218.8% of 1818

2) 457.12% of 1470

3) 74% of 4550 + 32% of 2350 = x + 512 What is the value of x?

4) $3/4 * 480 + 84\%$ of 5050 = $(540/20) * 3 + x$ What is the value of x?

Successive Percentage Questions:

1)The price of an article is increased by 10% & then increased by 20%.Find the net result?

- a)32% increase
- b)32% decrease
- c)64% increase
- d)64% decrease
- e)None of these

2)The price of an article is reduced by 10% & then reduced by 20%.Find the net result?

- a)28% increase
- b)28% decrease
- c)14% increase
- d)26% decrease
- e)None of these

3)The radius of circle is increased by 20%.Find the % change in area & circumference?

- a)45%,20%
- b)40%,22%
- c)44%,21%
- d)44%,20%
- e)None of these

4)The radius of cone is increased by 10% but height is reduced by 20%.Find the net change?

- a)94.6
- b)96.8
- c)85.4
- d)99.3
- e)None of these

5)Each side of a rectangular field is diminished by 40%.By how much percent is the area of the field diminished?

- a) -60%
- b)64%
- c) -64%
- d)53%

e)None of these

Product Consistency Questions:

1)If A's salary is more than B by 10%,B is less than A by what %?

- a)11.11 decrease
- b)9.09 increase
- c)11.11 increase
- d)9.09 decrease
- e)None of these

2)If price of sugar is decreased by 20%,then by how much should the consumption be increased,if budget is fixed?

- a)25% increase
- b)20% increase
- c)25% decrease
- d)20% decrease
- e)None of these

3)If length of rectangle is increased by 22.22% then by how much % should the Breadth be reduced to keep the area constant?

- a)22.22% increase
- b)18.18% decrease
- c)22.22% decrease
- d)18.18% increase
- e)None of these

4)If 10% of A's income = 15% of B's income = 20% of C's income. If sum of their income is 7800,then C's income is ?

- a)2400
- b)3600
- c)1800
- d)2000
- e)None of these

5)If numerator of a fraction is increased by 200% & the denominator is increased by 350%,the resultant fraction is

10/9. What was the original fraction?

- a) $5/3$
- b) $5/8$
- c) $9/5$
- d) $5/4$
- e) None of these

Questions Based on Left Remaining:

1) A man had some oranges out of which 30% were rotten & he has left with 350 oranges. Find the total he had?

- a) 600
- b) 350
- c) 500
- d) 550
- e) None of these

2) A man give 10% of his properties to his son, 20% of his daughter, 10% to his wife, then he gave 50% to remaining the charity & was left with Rs 12000, that the total that he had?

- a) 12000
- b) 15000
- c) 30000
- d) 40000
- e) None of these

3) A man spend 17% on mobile, 8% on headphone, 25% on speakers. He then spend 50% of the remaining on laptop & was left with Rs 1800. Find the total net that he had?

- a) 1800
- b) 5000
- c) 7200
- d) 1500
- e) None of these

Questions Based on Passed/Fail:

1) In an examination 33% of marks are required to pass. A student secured 28% marks & failed by 20 marks. What is the total no of marks?

- a) 20
- b) 200
- c) 50
- d) 400
- e) None of these

2) In examination a candidate who secured 25% marks failed by 43 marks & another candidate who secured 42% marks, get 8 marks more than pass marks. What is the total no of marks?

- a) 200
- b) 300
- c) 650
- d) 800
- e) None of these

3) In an examination Rohan secured 36% marks & failed by 8 marks & his friend Ram got 45% marks & obtain 10 marks more than the minimum marks to pass. Find the maximum no of marks & minimum percentage necessary to pass the examination?

- a) 200, 40%
- b) 200, 25%
- c) 450, 40%
- d) 125, 24%
- e) None of these

4) In a test, Mohit got 112 marks which was 32 more than passing marks. Sohan got 75% which was 20 more than the passing marks. What is the minimum passing percentage of the test?

- a) 30%
- b) 40%
- c) 25%
- d) 65%
- e) None of these

Answers:

Percentage Calculation

- 1)3972
- 2)6720
- 3)3607
- 4)4197

Successive Percentage

- 1)a
- 2)b
- 3)d
- 4)b
- 5)c

Product Consistency

- 1)d
- 2)a
- 3)b
- 4)c
- 5)a

Left Remaning

- 1)c
- 2)d
- 3)c

Pass/Fail

- 1)d
- 2)b
- 3)a
- 4)b

Tricks To Solve Square And

Square Roots and Practice a given file

<https://youtu.be/RA3gNpb3uFo>

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Quantitative MCQ-1 For IBPS IT Officer and Indian/Syndicate Manipal PO Exam

What will come in place of question mark(?) in the given number series?

1) 158 78 38 18 8 ?

- a) 3
- b) 5
- c) 2
- d) 7
- e) 6

2) 8 5.5 8.5 23 89.5 ?

- a) 455
- b) 420.5
- c) 445

d)415.5

e)433

3)402 400 388 358 302 ?

a)212

b)236

c)190

d)182

e)210

4)16 19 24 33 50 ?

a)83

b)66

c)99

d)74

e)102

5)31 15 21 50 ? 767.25

a)160.5

b)171.5

c)156.5

d)122.5

e)143.5

Q(6-10)In each questions two equations numbered (A) and (B) have been given.You have to solve both the equations and find out the correct option.

6) (A) $x^2 - 3x - 88 = 0$

(B) $y^2 + 8y - 48 = 0$

1) $x \geq y$

2) $x \leq y$

3) $x < y$

4) $x > y$

5) $x = y$ or relationship between x and y can't be determined

7) (A) $2x^2 + 21x + 10 = 0$

(B) $3y^2 + 13y + 14 = 0$

1) $x \geq y$

2) $x \leq y$

3) $x < y$

4) $x > y$

5) $x = y$ or relationship between x and y can't be determined

8) (A) $5x^2 + 29x + 20 = 0$

(B) $25y^2 + 25y + 6 = 0$

1) $x \geq y$

2) $x < y$

3) $x > y$

4) $x \leq y$

5) $x = y$ or relationship between x and y can't be determined

9) (A) $3x^2 + 10x + 8 = 0$

(B) $3y^2 + 7y + 4 = 0$

1) $x \leq y$

2) $x < y$

3) $x \geq y$

4) $x > y$

5) $x = y$ or relationship between x and y can't be determined

10) (A) $2x^2 - 11x + 12 = 0$

(B) $2y^2 - 19y + 44 = 0$

1) $x \geq y$

2) $x \leq y$

3) $x = y$ or relationship between x and y can't be determined

4) $x < y$

5) $x > y$

Answers:

1)a this series is $/2-1, /2-1$ (repeated) i.e $(158/2-1)=78$

2)c this series is $*1-2.5, *2-2.5, *3-2.5, *4-2.5...$

3)a this series is $-(1^2+1), -(3^2+3), -(5^2+5)...$. (1^2 means square of 1)

4)a this series is $(2^1+1), (2^2+1), (2^3+1), (2^4+1)...$

5)b this series is $*0.5-0.5, *1.5-1.5, *2.5-2.5, *3.5-3.5...$

6)5

7)5

8)2

9)1

10)2