

**ST. LAWRENCE HIGH SCHOOL**

27, BALLYGUNGE CIRCULAR ROAD

**Class : 8****Subject : ARITHMETIC****Term : FIRST TERM****Max Marks : 60****Q 1 :** Convert 0.225 into decimal**Marks : 1**

- 1 . 2.25%
- 2 . 22.50%
- 3 . 0.23%
- 4 . none of these

 (This Answer is Correct)**Q 2 :** convert 4/7 into percentage**Marks : 1**

- 1 . 400/77%
- 2 . 400/7 %
- 3 . 200/7%
- 4 . none of these

 (This Answer is Correct)**Q 3 :** How much is 75% of 1kg200 gm?**Marks : 1**

- 1 . 900 gm
- 2 . 90gm
- 3 . 950 gm
- 4 . none of these

 (This Answer is Correct)**Q 4 :** Decrease Rs 400 by 30%**Marks : 1**

- 1 . Rs280
- 2 . Rs 250
- 3 . Rs120
- 4 . none of these

 (This Answer is Correct)**Q 5 :** Express 10 cm as a percentage of 1 m**Marks : 1**

- 1 . 10%
- 2 . 20%
- 3 . 25%
- 4 . none of these

 (This Answer is Correct)

Q 6 : A metal bar is 2.4 m long. After heating its length increases by 2%.What is the new length. **Marks :** 1

- 1 . 2.440 m
- 2 . 2.48 m
- 3 . 2.448 m** (This Answer is Correct)
- 4 . none of these

Q 7 : Express 11:20 as percentage **Marks :** 1

- 1 . 55%** (This Answer is Correct)
- 2 . 50%
- 3 . 60%
- 4 . none of these

Q 8 : Find 48% of 1 litre **Marks :** 1

- 1 . 450 ml
- 2 . 480 ml** (This Answer is Correct)
- 3 . 400 ml
- 4 . none of these

Q 9 : Express 21:40 as a percentage **Marks :** 1

- 1 . 52.50%** (This Answer is Correct)
- 2 . 52%
- 3 . 53%
- 4 . none of these

Q 10 : Convert into fraction : $33\frac{1}{2}\%$ **Marks :** 1

- 1 . 67/209
- 2 . 67/100
- 3 . 67/200** (This Answer is Correct)
- 4 . none of these

Q 11 : What will be the simple interest for 1 year 4 months on a sum of Rs 25800 at the rate of 14% p.a? **Marks :** 1

- 1 . Rs 4816** (This Answer is Correct)
- 2 . Rs 4861
- 3 . Rs 8416
- 4 . none of these

- Q 12 :** Prabhakar deposited Rs 5000 in the bank. The bank offered simple interest at the rate of 12 % per annum. What will be total amount received by him at the end of the 5 years. **Marks :** 1
- 1 . Rs 3000
 - 2 . Rs 8000
 - 3 . Rs 6000
 - 4 . none of these
- (This Answer is Correct)
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- Q 13 :** A sum of Rs 12500 amounts to Rs 15500 in 4 years at a certain rate of interest . What is the rate of interest ? **Marks :** 1
- 1 . 5%
 - 2 . 6%
 - 3 . 4%
 - 4 . can not be determined
- (This Answer is Correct)
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- Q 14 :** Vaani deposited Rs 10,000 in a savings bank account. The bank paid simple interest of 11% p.a . How much did her money earn in 9 months ? **Marks :** 1
- 1 . Rs 675
 - 2 . Rs 750
 - 3 . Rs 430
 - 4 . Rs 825
- (This Answer is Correct)
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- Q 15 :** What is the principal , if the simple interest at the rate of 12.5% for 2 years is rs 400 **Marks :** 1
- 1 . Rs 1200
 - 2 . Rs 1500
 - 3 . rs 1600
 - 4 . none of these
- (This Answer is Correct)
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- Q 16 :** $\frac{27}{16}$ is equivalent to **Marks :** 1
- 1 . 168.75%
 - 2 . 167.50%
 - 3 . 167.75%
 - 4 . none of these
- (This Answer is Correct)
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- Q 17 :** 21:80 is equivalent to **Marks :** 1
- 1 . 25.26%
 - 2 . 26.25%
 - 3 . 24.25%
- (This Answer is Correct)

4 . none of these

Q 18 : If 5% of a number is 42,Then the number is

Marks : 1

1 . 480

2 . 520

3 . 840

4 . none of these

(This Answer is Correct)

Q 19 : What percent of 150 is 30?

Marks : 1

1 . 20%

2 . 25%

3 . 10%

4 . none of these

(This Answer is Correct)

Q 20 : A number increased by 25% gives 155. The number is

Marks : 1

1 . 120

2 . 122

3 . 124

4 . none of these

(This Answer is Correct)

Q 21 : 0.018 is equivalent to _____%

Marks : 1

1 . 0.18

2 . 1.8

3 . 18

4 . none of these

(This Answer is Correct)

Q 22 : 50 paise = _____% of Rs8

Marks : 1

1 . 7%

2 . 7.50%

3 . 6.25%

4 . none of these

(This Answer is Correct)

Q 23 : If mixed fraction $7/4$ converted into percentage form is

Marks : 1

1 . 150%

2 . 125%

3 . 165%

4 . 175%

(This Answer is Correct)

Q 24 : 135% converted to decimal is

Marks : 1

1 . 0.135

2 . 1.35

3 . 13.5

4 . none of these

(This Answer is Correct)

Q 25 : 20% more than 30 is

Marks : 1

1 . 35

2 . 40

3 . 36

4 . none of these

(This Answer is Correct)

Q 26 : A person had 10% increase in his salary. If his old salary is Rs 5000,then find his new salary.

Marks : 1

1 . Rs 5500

2 . Rs5200

3 . Rs 5400

4 . none of these

(This Answer is Correct)

Q 27 : $1/2$ % converted in decimal is

Marks : 1

1 . 0.05

2 . 0.005

3 . 0.5

4 . none of these

(This Answer is Correct)

Q 28 : convert 2.5% into fraction

Marks : 1

1 . $\frac{1}{24}$

2 . $\frac{3}{25}$

3 . $\frac{1}{40}$

4 . none of these

(This Answer is Correct)

Q 29 : Find principal when rate of interest is 11% p.a ,time = 3 years and total interest =Rs 825

Marks : 1

1 . Rs 3000

- 2 . Rs 2500
- 3 . Rs 2400
- 4 . none of these

(This Answer is Correct)

Q 30 : Find rate of interest of the principal Rs 350 for 2and a half years .When total interest is Rs 140.

Marks : 1

- 1 . 15%
- 2 . 10%
- 3 . 12%
- 4 . 16%

(This Answer is Correct)

Q 31 : Find the simple interest of Rs 640 at 12.5% rate of interest p. a for 6 months .

Marks : 1

- 1 . Rs 40
- 2 . Rs 35
- 3 . Rs 24
- 4 . none of these

(This Answer is Correct)

Q 32 : Converting 50% into fraction we get

Marks : 1

- 1 . $\frac{1}{2}$
- 2 . $\frac{1}{4}$
- 3 . $\frac{3}{4}$
- 4 . none of these

(This Answer is Correct)

Q 33 : convert 125 % into decimal

Marks : 1

- 1 . 12.5
- 2 . 0.125
- 3 . 1.25
- 4 . none of these

(This Answer is Correct)

Q 34 : Convert $\frac{3}{4}$ into percentage

Marks : 1

- 1 . 70%
- 2 . 72%
- 3 . 75%
- 4 . none of these

(This Answer is Correct)

Q 35 : Express 45% as ratio

Marks : 1

- 1 . 20:09
- 2 . 3:20
- 3 . 9:20**
- 4 . none of these

(This Answer is Correct)

Q 36 : Convert 2.575 into percentage

Marks : 1

- 1 . 257.50%**
- 2 . 25.75%
- 3 . 35.75%
- 4 . 25.70%

(This Answer is Correct)

Q 37 : Convert 40% as ratio

Marks : 1

- 1 . 5:02
- 2 . 2:05**
- 3 . 1:05
- 4 . none of these

(This Answer is Correct)

Q 38 : The money borrowed or lent is called the

Marks : 1

- 1 . interest rate
- 2 . amount
- 3 . principal**
- 4 . none of these

(This Answer is Correct)

Q 39 : Amount=_____

Marks : 1

- 1 . Principal+ rate of interest
- 2 . principal + simple interest of the given year**
- 3 . principal - simple interest
- 4 . none of these

(This Answer is Correct)

Q 40 : The percentage is the numerator of a fraction with denominator_____.

Marks : 1

- 1 . 100**
- 2 . 50
- 3 . 200
- 4 . none of these

(This Answer is Correct)

Q 41 : 25/4 % converted in fraction is

Marks : 1

1. $\frac{1}{8}$
2. $\frac{1}{16}$
3. $\frac{1}{4}$
4. none of these

(This Answer is Correct)

Q 42 : If 50% students are good at Maths out of 20 students. Then the number of students good at Maths is

Marks : 1

1. 15
2. 12
3. 14
4. 10

(This Answer is Correct)

Q 43 : Express $0\frac{9}{25}$ as percentage

Marks : 1

1. 36
2. 35
3. 25
4. none of these

(This Answer is Correct)

Q 44 : Express 220% as decimal

Marks : 1

1. 22
2. 2.2
3. 2.25
4. none of these

(This Answer is Correct)

Q 45 : Express 72 % as fraction

Marks : 1

1. $\frac{25}{18}$
2. $\frac{18}{20}$
3. $\frac{18}{50}$
4. $\frac{18}{25}$

(This Answer is Correct)

Q 46 : A man gets 15% hike in his salary . What will be his new salary if old salary is Rs 14000.

Marks : 1

1. Rs 16000
2. Rs 16200
3. Rs 16100
4. none of these

(This Answer is Correct)

Q 47 : If 80% of x is 256 then the value of x is

Marks : 1

- 1 . 400
- 2 . 320
- 3 . 300
- 4 . 350

(This Answer is Correct)

Q 48 : what percent of $\sqrt{0.0144}$ is 0.0108

Marks : 1

- 1 . 0.9
- 2 . 0.1
- 3 . 0.09
- 4 . 9

(This Answer is Correct)

Q 49 : A pair of shoes costs Rs 3000. During sale ,its price is reduced by 40%. What is the new price after reduction.

Marks : 1

- 1 . Rs 1600
- 2 . Rs 1800
- 3 . Rs 1200
- 4 . none of these

(This Answer is Correct)

Q 50 : In what time will the simple interest be $\frac{2}{5}$ th of the principal at 8% p.a.

Marks : 1

- 1 . 3 years
- 2 . 6 years
- 3 . 5 years
- 4 . none of these

(This Answer is Correct)

Q 51 : At what rate percent per annum simple interest will a sum of money triple itself in 25 yrs ?

Marks : 1

- 1 . 8%
- 2 . 6%
- 3 . 5%
- 4 . none of these

(This Answer is Correct)

Q 52 : A sum of Rs 3200 becomes Rs 3456 in 2 years at a certain rate of simple interest . What is the rate of interest per annum?

Marks : 1

- 1 . 5%
- 2 . 9%
- 3 . 4%
- 4 . none of these

(This Answer is Correct)

Q 53 : How much time will it take for an amount of Rs 450 to yield Rs 81 as interest at 4.5% per annum of simple interest ? **Marks :** 1

- 1 . 5 years
- 2 . 4 years (This Answer is Correct)
- 3 . 3 years
- 4 . none of these

Q 54 : In 4 years the simple interest on certain sum of money is $\frac{9}{25}$ of the principal . The annual rate of interest is **Marks :** 1

- 1 . 7%
- 2 . 5%
- 3 . 9% (This Answer is Correct)
- 4 . none of these

Q 55 : Reena took a loan of Rs 1200 with simple interest for as many years as the rate of interest . If she paid Rs 432 as interest at the end of the loan period , what was the rate of interest? **Marks :** 1

- 1 . 6% (This Answer is Correct)
- 2 . 8%
- 3 . 9%
- 4 . can not be determined

Q 56 : In 40 years an amount becomes 6 times the principal .What is the rate of interest? **Marks :** 1

- 1 . 12.50% (This Answer is Correct)
- 2 . 24%
- 3 . 12%
- 4 . none of these

Q 57 : Find the simple interest on Rs 1200 at the rate of 4.5% simple interest for 2.5 years. **Marks :** 1

- 1 . Rs 200
- 2 . Rs 135 (This Answer is Correct)
- 3 . Rs 175
- 4 . none of these

Q 58 : Feroz got 336 marks out of 600.His percentage of marks is **Marks :** 1

- 1 . 56% (This Answer is Correct)
- 2 . 55%

3 . 50%

4 . 36%

Q 59 : Waheeda bought an air cooler for Rs 3300 including tax of 10%.The price of the air cooler before adding tax is **Marks : 1**

1 . Rs 3200

2 . Rs 3000

(This Answer is Correct)

3 . Rs 2900

4 . none of these

Q 60 : The price of a commodity is increased by 50% ,by what percent consumption must be decreased to keep the expenditure same on consumption. **Marks : 1**

1 . 33.33%

(This Answer is Correct)

2 . 50%

3 . 30%

4 . none of these