

Mathematics

1. Ram is 20% less efficient than Shyam. If Shyam can finish a work in 20 days, Ram takes
a) 4 days b) 30 days c) 25 days d) 35 days
2. If the selling price of 8 articles equal to the cost price of 10 articles, the gain is
a) 25% b) 20% c) 30% d) 35%
3. If the diameter of the sphere is halved, the difference in volume will be
a) $\frac{5}{8}$ of the original volume b) $\frac{6}{8}$ of the original volume c) $\frac{7}{8}$ of the original volume d) 0
4. If $x = \sqrt{10} - 3$ and If $y = \sqrt{10} + 3$, then $\frac{1}{x} + \frac{1}{y}$ is
a) 5 b) 6 c) 7 d) $2\sqrt{10}$
5. If b and c be the equal sides and a be the remaining side of an isosceles triangle ABC, its area is
a) $\frac{1}{4}a\sqrt{4b^2 - a^2}$ b) $\frac{1}{4}a\sqrt{4b^2 + a^2}$ c) $\frac{1}{16}a\sqrt{4b^2 - a^2}$ d) $\frac{1}{4}a\sqrt{b^2 + a^2}$

English

6. “let’s go for swimming .” the teacher said.
a) The teacher said that we should go for swimming
b) The teacher told that we should go for swimming
c) The teacher suggested that we should go for swimming
d) The teacher advised to go for swimming
7. Don’t open the door,?
a) shall we b) will you c) wouldn’t you d) won’t you
8. “Here it is.” The waiter said.
a) The waiter pointed out that it was there
b) The waiter gave it to me
c) The waiter handed it over
d) The waiter showed it to me
9. May God help you
a) May god be helped
b) May you be helped by god
c) May helped you
d) May be god help you
10. The word ‘sincere’ is
a) noun b) verb c) adjective d) adverb

General knowledge and current affairs

11. Who is the current Chief Secretary of Nepal Government?
a) Shankar Koirala b) Lilamani Poudel c) Brinda Hada d) Gyanchandra Acharya
12. Which is the first bank of Nepal?
a) Neapl Bank Limited b) Rastriya Banijya Bank c) Agriculture Development Bank d) Nepal Rastria Bank

13. Who is the captain of Nepal's' national cricket team?

a) Sakti Gauchan

b) Binod Das

c) Pradeep Ayer

d) Paras Khadka