

Holiday Home Work
Winter Break 2017-18
Class XI

ACCOUNTS

Class - 11

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Accounts
Holiday Home-work

- i) Project → comprehensive problems from -
- : Journal
 - : Ledger
 - : Trial Balance
 - : Profit & Loss a/c
- ii) 5 questions of 6 marks from -
- Rectification of errors
 - Financial Statement with adjustment
 - Single Entry
 - N.P.O
- iii) - Difference between Revenue Receipt & Capital Receipt.
- Difference between Revenue Expenditure & capital Expenditure.

i) Mayal
25/12/17

ii) P. S.
20/12/17

BUSINESS STUDIES

Class-11

spOr Date : _____
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Business Studies Holiday Homework

- i) P.P.T on
- Sources of B/s finance (Roll no. 1-12)
 - Small Business (Roll no. ~~12~~ 13-24)
 - Internal Trade (Roll no. 25-37)
- ii) 5 case studies from each chapter
- Sources of Business Finance
 - Small Business
 - Internal Trade
- iii) 1-6 chapter, 3-4 mark questions
{ 4 questions from each chapter }
- iv) Revision \Rightarrow Learn 1-9 chapter.

i) Mangla 20/12/17

ii) Kshre 20/12/17

ECONOMICS

- 1) Project work any one from the following:
 - a) Demonetization
 - b) GST
 - c) Natural disaster
 - d) General Price rising
- 2) Numerical part from dispersion & co-relation
- 3) 10 Questions with answers from sustainable development and infrastructure health & education

ENGLISH

- 1) Prepare the syllabus assigned for October, November and December for second periodical test to be held in January 2018
- 2) Write an article on need of value education in school s
- 3) Write a speech discussing the use and abuse of internet by the youth

PHYSICS

1. If J of energy is to be converted into new system of units in which length is measured in 10m, mass in 10kg and time in 1min. What is the numerical value of 1J in the new system?
2. In equation, $y = x^2 \cos^2 2\pi \frac{\beta\gamma}{\alpha}$, the units of x , α , and β are m, s^{-1} and $(m^{s^{-1}})^{-1}$ respectively. Find the units of γ and γ .
3. Derive the expression for the equations of motion by calculus method.
4. What is relative velocity? Write expression for it.
5. What are the quantities that remain constant during the flight of a projectile? Derive the expression for range and maximum height attained by a projectile.
6. Show that linear momentum remains constant for a system when no external force is applied to it.
7. What is friction? Show that the magnitudes of angle of friction and angle of repose are equal.
8. Show that impulse is equal to the change in magnitude. How impulse can be obtained from force-time graph?
9. Obtain work energy theorem for a variable force.
10. Show that velocity is exchanged when two objects of equal mass collide elastically.
11. What is angular momentum? Show that it is equal to the product of moment of inertia and angular speed.
12. Derive the expression for the work done in case of angular displacement.
13. Obtain the expression for gravity at a height 'h' and at a depth 'd' from the earth's surface.
14. What are the differences between polar and geostationary satellite.
15. Obtain the expression for the elastic potential energy for a wire under tension.
16. Draw the graph to show the variation of stress with strain of a metallic wire and label various part of it.
17. Give statement of Bernoulli's theorem and establish the relation between various terms.
18. What happens to liquid surface in a capillary tube when it is immersed in water? Derive the ascent formula.
19. What is the use of Venturimeter? Find the expression for the speed of liquid in a pipe.
20. Define specific heat capacity and latent heat of a substance.