CLASS XI ACCOUNTS HOLIDAY ASSIGNMENT

DO THE EXERCISE QUESTIONS OF ACCOUNTING EQUATION, JOURNAL, LEDGER, CASH BOOKS (ALL 3) AND BRS FROM T.S. GREWAL DOUBLE ENTRY BOOK KEEPING
1. Structural Organisation of Cockroach
2. Epithelial tissue, Connective tissue, muscular tissue and neural tissue (Explanation with diagrams)
3. Diagrams of: (a) Human eye (b) Human brain (c) Human Kidney (d) Human heart (e) Respiration in plants (f) Placentation in plants
4. Mineral Nutrition
5. To complete practical experiments 1-13 in Lab Record Book
INTERNATIONAL INDIAN SCHOOL DAMMAM

SUMMER HOLIDAY ASSIGNMENT – BIOTECHNOLOGY

CLASS-XI

1. COMPLETE RECORD WORK-
2. COMPLETE PROJECT WORK-MINIMUM 7 PAGES
3. DRAW THE STRUCTURE OF SUGARS, DISACCHARIDES, AMINO ACIDS, NUCLEOTIDES, ATP, DNA IN A4 SHEET PAPER.
Class XI - Business Studies

Summer Holiday Assignment – July’16

Identify the following in the departmental store you visited & prepare a detailed project report

a) Different departments and their layout
b) Nature of products offered for sale
c) Display of fresh arrivals
d) Promotional campaigns
e) Space and advertisements
f) Assistance by sales personnel
g) Billing counter at the store – cash, credit card / debit card, swipe facility
h) Added attractions at billing counter
i) Additional facilities offered to customers
j) Any other relevant aspect

Presentation and submission of the project report

Following essentials are required to be fulfilled for its preparation and submission.

1. The total project will be in a file format, consisting of the findings.
2. The project will be handwritten.
3. The project will be presented in a neat folder.( 20-25 pages)
4. The project report will be developed in the following sequence;
   - Cover page should project the title, student information, school and year.
   - List of contents.
   - Acknowledgements and preface (Acknowledging the institution, the newspapers read, TV channels viewed, places visited and persons who have helped)
   - Introduction
   - Topic with suitable heading.
   - Planning and activities done during the project, if any.
   - Observations and findings while conducting the project.
   - Conclusions (summarized suggestions or findings, future scope of study)
   - Appendix, if needed.

The project to be submitted on or before 25th Sep’16
XI Chemistry

Prepare notes on
1. Environmental Chemistry
2. Hydrogen
Answer the following questions:

1. Why a program should have a good presentation style?
2. What are the different stylistic guidelines in a program development?
3. What is the role of comments and indentation in a program?
4. What is a prologue?
5. What is free formatting?
6. What is pretty printing?
7. What is echo printing?
8. What are the characteristics of a good program?
9. What are the different stages of program development?
10. What do you mean by source code and object code?
11. What is meant by robustness?
12. What is meant by guard code?
13. What is a bug?
14. What are the different types of errors?
15. What are the different types of compilation errors?
16. What are run time errors?
17. What are logical errors? Why are logical errors harder to locate?
18. What is known as exception?
19. What is exception handling?
20. Mention the different steps you would follow while writing a program.
22. What is testing?
23. What is debugging?
24. What is program verification?
25. What is program documentation? Explain the different types of documentation.
26. What is meant by program maintenance?
27. Explain the different types of maintenance.
28. What is modular programming?
29. Name and explain the two types of modular programming.
HOLIDAY ASSIGNMENT

For Class XI – ECONOMICS

1. Solve first term question paper of 2016
2. Write down all formulas of Mean, Median and Mode
3. Do a project on the following topics
   • Changing consumer awareness amongst households
   • A report on demographic structure of Saudi Arabia or Pakistan

Economics coordinator
Jancy John Joseph
ENGLISH

Prepare a colourful A4 size booklet on the following novels:

- *The Canterville Ghost* by Oscar Wilde
- Any one novel by either *Charles Dickens* or *Jane Austen*

The booklet should have:

- Apt cover page
- Author biography
- Summary of the Novel
- Character Sketches
- Appropriate pictures / illustrations

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1. Origin of the universe [4 theory]
2. Our solar system
3. Evolution of earth
4. Earthquake: Effects and Mitigation
5. Volcanoes: Types and Volcanic landforms
6. Continental Drift theory
7. Plate tectonic theory and Movement of Indian plate
8. Minerals classification and characteristic
9. Rocks: types: rock cycle
10. Weathering: types- physical: chemical: biological
11. Mass movements
12. Soil: soil formation process
13. Action of running water [Erosional landforms]
14. Action of running water [Depositional features]
15. Action of underground water [Erosional and Depositional]
16. Action of Glaciers [Erosional and Depositional]
17. Action of Waves and currents [Erosional and Depositional]
18. Action of wind [Erosional and Depositional]
19. Atmosphere composition and layers
20. Solar radiation [Heat Budget]
21. Planetary wind system
22. Tropical and extra tropical cyclones
23. Evaporation Condensation and Types of clouds
24. Precipitation: Types
25. Global warming
26. Hydrological cycle and Relief of ocean floor
27. Tides: types of tides
28. Types of Geo system
29. Biodiversity: types conservation of Biodiversity
30. Tornadoes, Thunderstorms etc.
31. Interior of the earth
Complete the Lab Exercise in Lab Record for Chapter 4 & Chapter 5 - Java Programs with the screen shots.
HOLIDAY ASSIGNMENT

CLASS 11 MATHEMATICS

Trigonometry

1. Prove that

1) \( \tan 3\theta - \tan 2\theta - \tan \theta = \tan 3\theta \cdot \tan 2\theta \cdot \tan \theta \)

2) \( \tan 13A - \tan 9A - \tan 4A = \tan 13A \cdot \tan 9A \cdot \tan 4A \)

3) \( 2 \cos \theta = \sqrt{2 + \sqrt{2(1 + \cos 4\theta)}} \)

4) \( \cos 5A = 8\cos^5 A - 20\cos^3 A + 5\cos A \)

5) \( \sin 10^\circ \sin 30^\circ \sin 50^\circ \sin 70^\circ = \frac{1}{16} \)

6) \( \sin 5A = 5\sin A - 20\sin^3 A + 16\sin^5 A \)

II. Solve

1) \( \sin \theta + \sin 3\theta + \sin 5\theta = 0 \)

2) \( \cos \theta + \cos 3\theta - 2\cos 2\theta = 0 \)

3) \( 2 \cos^2 \theta + 3\sin \theta = 0 \)

4) \( \sin 2\theta + \sin 4\theta + \sin 6\theta = 0 \)

Complex Numbers

1) Express \( \frac{2 + 6\sqrt{3}i}{5 + \sqrt{3}i} \) in polar form.

2) Find \( x \) and \( y \) if \( \frac{(1+i)x - 2i}{3+i} + \frac{(2-3i)y + i}{3-i} = i \)

3) Simplify \( \left( \frac{1 + 3i}{2} \right)^2 - (1-i)^2 + i^3 - 6(5 - \sqrt{-4}) \)

4) Express \( \frac{2 - \sqrt{-25}}{1 - \sqrt{-16}} \) in the form of \( a + ib \)
Prepare notes:

Different forms of energy
Einstein's mass-energy equivalence
Students may choose any one of the following projects:

1. Observe 4 or 5 families belonging to different cultural and socio-economic background for about half an hour in the morning and evening interacting with their children for 5 days. Find the difference in parental interaction with their sons and daughters. Write about their distinct pattern of behaviour.

2. Find 4 or 5 people who have lived for an extended period of time in different cultures. Interview and ask them to give some examples of cultural differences and similarities in attitudes, norms and values and write about it.

3. Interview people from 4 different stages of life, for example, 15 – 20, 20 – 35, 35 – 60, and over 60 years of age. Talk to them about major transitions that have taken place in their lives. How they feel these transitions have affected them? Compare the events considered important in the different groups and write about it.

4. Go to the library or some bookstore or surf the internet and obtain names of some books (fiction/non-fiction or films) which have reference to application of psychology. Prepare a report giving a brief synopsis.

The project is to be submitted in the form of a 5 pages booklet by 25 Sept. 2016.

Dr. Ayisha Banu.
Subject Coordinator.