



SUMMER HOLIDAY HOMEWORK
CLASS – XII COMMERCE

SUBJECTS	HOMEWORK QUESTIONS
ENGLISH	<ol style="list-style-type: none">1. Draft an invitation card for the exhibition of Bamboo wooden craft items.2. Write an article on any ONE of the following topics. {Word Limit 200—250}<ul style="list-style-type: none">· Importance of Communication SkillImportance of National Scholarships for StudentsThe Impact of Advertisements on the Younger Generation .3. Prepare a speech on “Role of Students In National Development” {Word Limit 200—250}4. Revise all the work that has been covered so far.
HINDI	<ol style="list-style-type: none">1. दिए गए तीन विषयों में से किसी एक विषय पर संवादों की सहायता से संक्षिप्त स्क्रिप्ट लिखिए-<ol style="list-style-type: none">क) नदियों में प्रदूषणख) नल से लगातार बहता हुआ पानीग) स्कूली बच्चों पर बस्ते का बोझप्रश्न-2. आपके आसपास किसी ऐसी चीज पर एक लेख लिखें जो आपको किसी वजह से वर्णनीय प्रतीत होती हो। वह कोई चाय की दुकान हो सकती है, कोई सैलून हो सकता है, कोई खोमचे वाला हो सकता है या किसी खास दिन पर लगने वाला हाट- बाजार हो सकता है। विषय का सही अंदाजा देने

	<p>वाला शीर्षक अवश्य दें तथा चित्र चिपकाएँ । प्रश्न-3. आप अखबार के मुख्य पृष्ठ पर कौन-से छह समाचार शीर्षक /सुर्खियां (हेडलाइन) देखना चाहेंगे । उन्हें लिखिए तथा समाचार पत्र का नाम देते हुए मुख्यपृष्ठ (फ्रंट पेज) तैयार कीजिए। प्रश्न-4. निम्नलिखित विषयों पर दो से तीन सौ शब्दों में लेख लिखिए । 1. एक कामकाजी औरत की शाम 2. सावन की पहली झड़ी 3. मेरा प्रिय टाइमपास</p>
<p>- ECONOMICS</p>	<p>Complete your project file according to the topics (discussed in the class)given to you with complete front pages ,index , bibliography etc. Questions will be given during holidays solve those questions in your notebook.</p>
<p>ACCOUNTANCY</p>	<p>Assignments based on chapters taught will be provided which covers all important CBSE based questions which are as given below:</p> <p>Q1) Mention two components of financial statements.</p> <p>Q2) What is meant by operating cycle.</p> <p>Q3) List the major heads of liabilities side of company's balance sheet as per schedule III, Part I of the companies act , 2013.</p> <p>Q4) List any 5 items that are shown under reserves and surplus</p> <p>Q5) Under which major heads and subheads will the following items placed in company's balance sheet:</p> <p>a- bonds b- public deposits c- forfeited shares account</p> <p>Q6) Classify the following items under major heads and subheads</p> <p>a- capital work-in-progress b- capital advances c- calls in arrears</p>

	<p>Q7) Under which major heads and subheads will the following items be presented in company's balance sheet.</p> <p>a- bank overdraft. b- provision for tax c- loose tools</p> <p>8. Complete your project file according to the topics (discussed in the class)given to you with complete front pages ,index , bibliography etc.</p>
<p>BUSINESS STUDIES</p>	<p>Q1. Raman is working as Plant Superintendent in Tifco Ltd. Name the managerial level at which he is working. State any four functions he will perform as Plant Superintendent in this company.</p> <p>Q2. Coordination is the orderly arrangement of group efforts to provide unity of action in the pursuit of common purpose. In light of this statement, explain any five points of importance of coordination.</p> <p>Complete your project file according to the topics (discussed in the class)given to you with complete front pages ,index , bibliography etc.</p>
<p>PHYSICAL EDUCATION</p>	<p>Multiple Choice Question Answers</p> <p>Q.1 . In organising an international sports event all committees are formed by: (a) Technical Committee (b) Finance Committee (c) Organising Committee (d) Ceremony Committee</p> <p>Q.2. From the following which is not the work of Publicity Committee: (a) To decide the date and venues of the tournament (b) To coordinate with media (c) To print banners (d) To advertise so that the tournament remains in public eye.</p> <p>Q.3. In which type of tournament the team/competitors play at most one fixture per round:</p>

(a) Staircase (b) Cyclic (c) League (d) Knockout
Q.4. After losing a match, a team will be eliminated from the
(a) Knockout tournament (b) League tournament (c) Round
Robin tournament (d) None of above

Q.5. Which of the following tournament helps save time?
(a) Knockout tournament (b) Combination tournament (c)
League tournament (d) Round Robin tournament

Q.6. Responsibility for Distribution of certificate should be
the role of:
(a) Marketing Committee (b) Technical Committee (c)
Logistics Committee (d) Finance Committee

Q.7. When number of teams is 27, the teams divided in four
quarters as:
(a) 7, 7, 7, 6 (b) 6, 6, 7, 8 (c) 8, 7, 6, 6 (d) 7, 6, 7, 6

Q.8. The power of two in the knockout fixture is used to

(a) To calculate the number of byes (b) To decide the
number of matches to be played (c) To calculate the
number of rounds (d) To calculate number of byes and
round

Q.9. While making which fixture the teams/players move in
a clockwise Direction
(a) Knockout fixture (b) Cyclic fixture (c) League fixture (d)
None of above

Short & Long Questions

Q.1. Give reasons to give a bye/byes in the knockout
fixture.

Q.2. Explain objective of planning related to budget.

Q.3. What are three objectives of conducting tournaments?

Q.4. Differentiate between knockout and league
tournament.

Q.5. Draw a knockout fixture of 20 teams providing 4
special seeding in a knockout tournament.

Q.6. On knock basis, draw a fixture of 27 teams.

Q.7. Explain the various committees and their
responsibilities to conduct sports event.

**INFORMATION
PRACTICES**

Multiple Choice Questions

1. To create an empty Series object, you can use :

(a) `pd.Series(empty)` (b) `pd.Series(np.NaN)` (c) `pd.Series()` (d) all of these

2. To specify datatype `int16` for a Series object, you can write:

(a) `pd.Series(data = array, dtype = int16)`

(b) `pd.Series(data = array, dtype = numpy.int16)`

(c) `pd.Series(data = array.dtype = pandas.int16)`

(d) all of the above

3. To get the number of dimensions of a Series object, _____ attribute is displayed.

(a) `index` (b) `size` (c) `itemsize` (d) `ndim`

4. To get the size of the datatype of the items in Series object, you can display _____ attribute.

(a) `index` (b) `size` (c) `itemsize` (d) `ndim`

5. To check if the Series object contains NaN values, _____ attribute is displayed.

(a) `hasnans` (b) `nbytes` (c) `ndim` (d) `dtype`

8. To display third element of a Series object S, you will write

(a) S[:3] (b) S[2] (c) S[3] (d) S[:2]

9. To display first three elements of a Series object S, you may write _____

(a) S[:3] (b) S[3] (c) S[3rd] (d) all of these

10. To display last five rows of a Series object S, you may write _____

(a) head() (b) head(5) (c) tail() (d) tail(5)

11. If a Dataframe is created using a 2D dictionary, then the indexes/row labels are formed from _____.

(a) dictionary's values (b) inner dictionary's keys (c) outer dictionary's keys (d) none of these

12. If a dataframe is created using a 2D dictionary, then the column labels are formed from _____.

(a) dictionary's values (b) inner dictionary's keys (c) outer dictionary's keys (d) none of these

13. The axis 0 identifies a dataframe's _____.

(a) rows (b) columns (c) values (d) datatype

14. The axis 1 identifies a dataframe's _____.

(a) rows (b) columns (c) values (d) datatype

15. To get the transpose of a dataframe D1, you can write

(a) D1.T (b) D1.Transpose (c) D1.Swap (d) All of these

Short & Long Questions

Q1. What is Pandas library of python? What is its significance?

Q2. How is Series data structure different from a dataframe data structure?

Q3. Considered the below given two code fragments. Will they produce the same output? Why/why not?

```
fst=[9,10,11]
ob1=pd.Series(data=fst
*2)
print(ob1)
```

```
fst=
pd.Series(dat
)
ob2=pd.Serie
*2)
print(ob2)
```

Q4. What will be the output of the following program? and specify the reason behind the output produced by the code.

```
import pandas as pd
fst=[9,10,11]
scd=pd.Series(fst)
ob1=pd.Series(data=fst*2)
ob2=pd.Series(data=scd*2)
print(ob1)
print(ob2)
```

Q5. Given a list namely Area that stores the area of some states in km².

Area=[34567, 890, 450, 67892, 34677, 78902, 256711, 678291, 637632, 25723, 2367, 11789, 345, 256517]

Write python code to perform the following operations:

- a) Create a Series object namely Ser1 using the list Area given above.**
- b) Print the largest three areas from the series Ser1.**
- c) Print the smallest three areas from the series Ser1.**
- d) Use the required libraries.**

Q6. Given a series object s. Write a program to print only those values from the series object which is greater than 10.

```
import pandas as pd
```

```
s = pd.Series([10,2,30,4,50],index=['a','c','b','e','d'])
```

```
print (s[s>10])
```

Q7. Consider a Series object vs, created using following statement:

```
vs=pd.Series([11,12,13,14,15,16],index=['a','b','c','d','e','f'])
```

Based on this series object, write statements to do the following:

- (i) Retrieve the third element and print it.**
- (ii) Retrieve and print the last two elements.**
- (iii) Retrieve and print the first three**

	<p>elements.</p> <p>(iv) Retrieve and print alternate elements, starting from index 'b'.</p>

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