

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086

(For candidates admitted during the academic year 2019-20 and thereafter)

COURSE CODE: 19CO/AC/BA35

B.COM (CS) DEGREE EXAMINATION DECEMBER 2020

CORPORATE SECRETARYSHIP

THIRD SEMESTER

COURSE: ALLIED CORE

PAPER : BUSINESS ANALYSIS AND REPORTING USING COMPUTERS

TIME : 90 MINUTES

MAX. MARKS: 50

Section – A

Answer All the Questions:

(3x 2 =6)

1. List down four uses of MS Excel.
2. Using Excel, calculate the IRR for an asset purchased worth of Rs. 2,00,000 and the estimated life of asset is 6 years and cash inflow are Rs. 30,000.
3. Project phoenix has invested Rs. 3,00,000 in a long-term project for 10 years. The project is expected to receive a cash flow after tax of Rs 50,000 per annum. Compute the payback period using Excel.

SECTION B

Answer any three questions:

(3X8=24)

4. Calculate Karl Pearson's coefficient correlation, using Excel functions, for the following data

X	63	52	59	57	64	65	55	56	59	58
Y	126	125	117	113	130	129	110	113	116	112

5. The age of 20 boys in a locality is given below. Using Excel, find the median from the following information:

Age in Years	12	10	15	14	8
Number of Boys	5	3	2	6	4

6. (i) Ramya makes an initial investment of Rs. 2,00,000 in Meenakshi bank account. Interest is compounded at 10% p.a. for 6 years. Compute the amount at maturity.

(ii) The sales of a company (in lakhs) for each year are shown in the table below.

X (year)	2005	2006	2007	2008	2009
Y (sales)	12	19	29	37	45

Fit a straight-line trend by least squares method using intercept and slope functions.

7. Elucidate the application of MS Word and MS PPT in business.

SECTION C

Answer any one question:

(1X20= 20)

8. A firm expects to have Rs. 30,000 on 1st May 2017 and requires you to prepare an estimate of the cash position during the 3 months May to July 2017 in Excel. The following information is supplied to you.

MONTH	SALES	PURCHASES	WAGES	FACTORY EXPENSES	OFFICE EXPENSES	SELLING EXPENSES
March	40,000	24,000	6,000	3,000	4,000	3,000
April	46,000	28,000	6,500	3,500	4,000	3,500
May	50,000	32,000	6,500	4,000	4,000	3,500
June	72,000	36,000	7,000	4,400	4,000	4,000
July	84,000	40,000	7,250	4,250	4,000	4,000

9. (i) Ramesh & Co is contemplating an investment in a project which requires an initial investment of Rs 7,00,000 generating cash flows as below and estimated life of the asset is 5 years. Calculate the Internal Rate of Return using the appropriate Excel function.

YEAR	CFAT
1	1,00,000
2	1,75,000
3	2,85,000
4	3,25,000
5	3,00,000

(ii) After taking into consideration the undermentioned items, Jain Ltd. made a Net Profit of Rs. 1,00,000 for the year ended 31st December 2015.

	Rs.
Loss on sale of Machinery	10,000
Depreciation on Building	4,000
Depreciation on Machinery	5,000
Preliminary Expenses written off	5,000
Provision for Taxation	10,000
Goodwill written off	5,000
Gain on sale of Buildings	8,000

Find out Cash from Operations using Excel.
