MODEL QUESTION PAPER OF VALUATION EXAMINATION FOR ASSET CLASS: SECURITIES OR FINANCIAL ASSETS WITH EFFECT FROM $1^{\rm st}$ APRIL, 2019

1.	The national output is measured at which of the following price?
	a. Production Pricesb. Market Pricesc. Cost Pricesd. Wholesale Prices
	Ans.(b)
2.	Which of the following relation between fiscal deficit (FD) and primary deficit (PD) is correct?
	 a. PD = FD - Depreciation b. PD = FD - Interest payments c. FD = PD - Interest payments d. FD = PD - Depreciation
	Ans.(b)
3.	Quantitative easing is an unconventional monetary policy in which a central bank purchase government securities or other securities from the market in order to
	 a. rise interest rate and increase the money supply in the economy b. lower interest rate and decrease the money supply in the economy c. lower interest rate and increase the money supply in the foreign economy d. lower interest rate and increase the money supply in the economy Ans.(d)
4.	Which one of the following best describes sub-prime mortgage lending of 2008?
	 a. A bank lending to someone who is not one of their customers b. Lending to people to buy houses who are at greater risk of being unable to meet the repayments c. Lending on overvalued properties d. Lending to people who do not have a bank account
	Ans. (b)
5.	An investment pays Rs.300 annually for five years, with the first payment occurring today. The present value (PV) of the investment discounted at a 4 per cent annual rate is approximately
	a. Rs.1336 b. Rs.1389 c. Rs.1625 d. Rs.1925

Ans.(a)

6.	Which of the following may not be a part of projected financial statements?
	a. Income Statementsb. Trial Balancec. Cash Flow Statementsd. Balance Sheets
	Ans.(b)
7.	If a firm has a P/E ratio of 15, and a ROE of 14 per cent, what is the market to book value of equity?
	a. 2.1 b. 1.5 c. 1.6 d. 3.0
	Ans. (a)
8.	What does five C's stand for in case of credit analysis?
	 a. Character, Conditions, Collateral, Capacity and Credit b. Character, Conditions, Collateral, Control and Capital c. Character, Conditions, Collateral, Capacity and Capital d. Character, Clear, Collateral, Capacity and Capital
	Ans. (c)
9.	Which of the following is not a cash outflow?
	a. Increase in Prepaid Expensesb. Increase in Debtors
	c. Increase in Stocks d. Increase in Creditors
	Ans. (d)
10.	Which of the following is not a conduct most people associate with ethical behaviour?
	a. Bargaining
	b. Respect for others
	c. Loyalty d. Pursuit of excellence
	Ans.(a)
	1 mo.(u)

11. As an independent valuer, the valuer should not chargefee.
 a. professional b. success c. mandate d. legal
Ans.(b)
12. A valuer should not use or divulge to other clients or any other party any confidential information about thecompany.
a. subject
b. clientc. public
d. listed
Ans.(a)
13. Professional independence is a subset of which one of the following pairs of fundamental principles?
a. Integrity and Due diligenceb. Integrity and Objectivityc. Integrity and Professional competenced. Objectivity and Professional behavior
Ans.(b)
14. Which of the following would not be included in Valuer's Engagement Letter?
a. Timeline of the engagementb. Management's responsibilities with respect to financial records and accuracy of information
c. Commercials including payment terms d. Management Representation
Ans.(d)
15. Which of the following capital is not shown in the company's balance sheet?
a. Authorised Capitalb. Issued and Subscribed Capitalc. Called and Paid up capitald. Reserve Capital
Ans.(d)

16. A Tribunal makes an order under section 230 of the Companies Act, 2013 sanctioning a compromise or an arrangement in respect of a company. In this context, strike the odd one out:
a. It will supervise the implementationb. It can give order for winding up of the companyc. It can modify the order or compromised. It can ask for creditors responsibility statement
Ans.(d)
17. Who is the Authority for registration of valuers under the Companies (Registered Valuers and Valuation) Rules, 2017?
a. MCA b. NFRA c. IBBI d. NCLT
Ans.(c)
18. Which of the following is not a prescribed asset class under the Companies (Registered Valuers and Valuation) Rules, 2017?
a. Enterpriseb. Securities or Financial Assetsc. Plant and Machineryd. Land and BuildingAns.(a)
19. Which of the following is not eligible to be registered as a valuer?
 a. Registered Partnership Firm b. Limited Liability Partnership c. Limited Liability Company d. Hindu Undivided Family Ans.(d)
20. In agreements of a purely domestic nature, the intention of the parties to create legal relationship is
 a. to be proved to the satisfaction of the court b. presumed to exist c. required to the extent of consideration d. not relevant at all Ans. (a)

21. A person appointed by an agent to act for the principal, is called
 a. agent b. sub-agent c. substituted agent d. pretended agent
Ans. (b)
22. 'Let the Buyer Beware' refers to:
a. Caveat Venditorb. Unfair Trade Practicesc. Caveat Emptord. Exmtor Venditor
Ans. (c)
23. Which of the following can be transferred under the Transfer of Property Act, 1882?
a. An easement along with the dominant heritageb. Political pensionc. Successiond. Stipends allowed to the civil pensioners of the Government
Ans. (a)
24. 'A' leases land to 'B' on condition that he shall walk a hundred miles in an hour. The lease is
a. valid
b. void c. voidable
d. legal
Ans. (b)
25. How is stamp duty paid in transactions where more than one instrument is required?
 a. Stamp Duty is paid on all the instruments equally b. Stamp Duty is paid on any one of the instrument c. Stamp duty is paid only on one of the principal instruments and on the balance documents only minimum duty is payable d. Stamp duty is paid on ad valorem basis
Ans. (c)

Code, 2016?
a. Accepting of depositsb. Effecting contracts of insurancec. Payment of wages to employeesd. Establishing or operating an investment scheme
Ans.(c)
32. Under the SARFAESI Act, 2002, the Central Registrar may allow the filing of the particulars of creation of security interest withinnext following the expiry of the period of initial thirty days on payment of additional fee.
a. ten daysb. thirty daysc. twenty-five daysd. fifteen days
Ans.(b)
33. Ind AS 113 defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an between market participants at the measurement date.
a. orderly transaction
b. transaction
c. purchase transactiond. sale transaction
Ans.(a)
((.)
34. As per Ind AS 113 which of the following is not a valuation technique?
a. The market approach
b. The cost approach
c. The income approachd. The multiple approach
Ans. (d)
Alls. (u)
35. Fair Value uses highest and best use (HABU) forvaluation. Which one of the following best fit the sentence?
a. non-financial asset
b. financial asset
c. commodity
d. gold
Ans. (a)

31. Which of the following is not a financial service under the Insolvency and Bankruptcy

36. As per Ind AS 113, valuation techniques used to measure fair value shall
a. minimise the use of relevant observable inputs and minimise the use of unobservable inputs
b. maximise the use of relevant observable inputs and minimise the use of unobservable inputs
c. minimise the use of relevant observable inputs and maximise the use of unobservable
inputsd. maximise the use of relevant observable inputs and increase the use of unobservable inputs
Ans. (b)
37. Measurement and disclosure do not apply to which of the following?
a. Leasing based transactions b. Not realizable valves/Immeirment of Assets
b. Net realizable values/Impairment of Assetsc. Share based payments
d. Price received to sell or buy an asset
Ans. (d)
38. Karan bought 1000 share of Infosys Limited at Rs.910/- from his broker excluding brokerage and taxes. However current market price of that share was Rs.915/ In this statement amount of Rs.915/- reflects
a. Fair value of share
b. cost of investmentc. investment value
d. price of transaction
Ans.(a)
39. Under the Insolvency and Bankruptcy Code, 2016, the fees of the liquidator is paid from the proceeds of sale of theof the corporate debtor.
a. unencumbered liabilities
b. liquidation assetsc. liquidation fund
d. unencumbered reserves
Ans.(b)
40. Value of a firm is based on
a. the value of debt and equity
b. the value of assets and liabilitiesc. the value of debt
d. the value of equity
Ans.(b)

41. An asset is officially appraised and priced on	
a. Verification dateb. Valuation datec. Report dated. Effective date	
Ans.(b)	
42. Which of the following methods is included in 'Asset based approach' (cost-based approach)?	
a. Comparable Companies' Multiple Methodb. Replacement Methodc. Earnings Capitalization Method	
d. Discounted Cash Flow Method	
Ans.(b)	
43. Which of the following valuation methods would most likely not be used for business valuation?	
a. Discounted Cash Flowb. Net Assets Methodc. Multi-period Excess Earning Methodd. Industry Price Earnings Ratio DCF	
Ans.(c)	
44. An analyst is valuing a firm's equity using the 'Enterprise Value to Revenue Ratio' of similar firms. Which of the following is not a factor that the analyst should use?	
a. Revenue growthb. EBITDA marginsc. Expected returnd. Debt equity ratio	
Ans.(d)	
45. Which of the following would most likely be useful for performing sensitivity analysis of business valuation?	
a. Standard of Valueb. Understanding of businessc. Premise of Valued. Audit OpinionAns.(b)	

46. What do 'Cash Cows' symbolize in The Boston Consulting Group's product portfolio matrix?
a. Remain Investedb. Problem Childc. Stable Cash Flowd. Cash Traps Liquidate
Ans.(c)
47. 'Economies of Scale' arises from synergy in Mergers and Acquisitions.
a. operatingb. financialc. manageriald. market
Ans.(a)
48. Which of the following represent the three major categories of risks faced by a business organisation?
a. Business risks, personnel risks, budget risksb. Project risks, technical risks, business risksc. Planning risks, technical risks, personnel risksd. Management risks, technical risks, design risks
Ans.(b)
49. Due diligence is particularly important in the case of a reverse merger since it is necessary to clean the Shell Company. One important aspect of cleaning the Shell Company is to
a. confirm ownership of the Shell companyb. evaluate human resource capitalc. identify cultural and social issuesd. plan for long-term integration
Ans.(a)
50. In time-series analysis, which source of variation can be estimated by the ratio-to-trend method?
a. Cyclical b. Trend c. Seasonal d. Irregular Ans.(c)

51.	In case of valuation of firms for takeovers, which of the following provides a better estimate of value?
	a. Cash flowsb. Free cash flowsc. Future cash flowsd. Free cash flow to equity
	Ans.(d)
52.	When an investor uses a derivative instrument to reduce his exposure to the price volatility of certain underlying assets, he is said to be
	a. speculatingb. investingc. arbitragingd. hedging
	Ans.(d)
	Which of the following is an asset pricing model based on the ideas that an asset's returns can be predicted using the relationship between that asset and many common risk factors?
	a. Arbitrage pricing theoryb. Arbitrage risk theoryc. Arbitrage asset theoryd. Risk pricing theory
	Ans.(a)
	Typical parameters used in quantitative methods to estimate discount for lack of marketability include
	 a. duration of the restriction and risk of the investment b. return of the investment c. dividends paid d. market size
	Ans.(a)
	Which is a type of preferred stock that stockholders can exchange for a predetermined number of a company's common stock?
	a. Prior preferred stockb. Convertible preferred stockc. Participating preferred stockd. Cumulative preferred stock
	Ans.(b)

Agency bonds are issued by
a. local governmentsb. national governments.c. quasi-government entities.d. corporates
Ans.(c)
If interest rates are expected to increase, the coupon payment structure most likely to benefit the issuer is a
a. step-up couponb. inflation-linked couponc. put optiond. cap in a floating-rate note
Ans.(d)
Which of the following bonds has the shortest duration?
 a. A bond with 20-year maturity, 10% coupon rate b. A bond with 20-year maturity, 6% coupon rate c. A bond with 10-year maturity, 6% coupon rate d. A bond with 10-year maturity, 10% coupon rate
Ans.(d)
is the risk that the issuer will fail to satisfy the terms of the obligation with respect to the timely payment of interest and principal.
 a. Default risk b. Credit spread risk c. Volatility risk d. Downgrade risk Ans.(a)
What is the value of Three-Year 4.25 per cent Annual Coupon Bond Puttable at Par one year from now if one year forward rates at T (0), T (1) and T (2) are 2.50 per cent, 3 per cent and 4.5 per cent respectively? a. 101.5 b. 101.71 c. 102.67 d. 102.89 Ans.(c)

61.	The fixed-rate payer in an interest-rate swap has a position equivalent to a series of
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	a. long interest-puts and short interest-rate callsb. short interest-rate puts and long interest-rate callsc. long interest-rate puts and callsd. short interest-rate puts and calls
	Ans.(b)
62.	The collar of a floating-rate bond refers to the minimum and maximum
	 a. call periods. b. maturity dates. c. coupon rates d. yields to maturity Ans.(c)
63.	A perpetual bond does not have a fixed
	a. interest ratesb. maturity periodc. durationd. underlying assetsAns.(b)
64.	Which principle refers to the concept that an investor will not invest in an asset if a more attractive substitute exists? a. Principle of alternative b. Principle of expectation c. Principle of substitution d. Principle of risk and return Ans.(c)
65.	Which of the following is an assumption with regard to the returns distribution in Black Scholes Model? a. Normal b. Exponential c. Standard d. Linear Ans.(a)

66	 6. The first step in the Monte Carlo simulation process is to a. generate random numbers b. set up cumulative probability distributions c. establish random number intervals d. set up probability distributions
	Ans.(d)
6	7. Individuals hold their claims on real assets through in a well-developed economy. a. intangible assets b. tangible assets c. real estate d. financial assets Ans.(d)
6	8. The credit default spread method of valuation of a guarantee given by a parent company on behalf of its subsidiary involves estimating the value a. using credit default spread based on the credit rating of the subsidiary b. using credit default spread based on the credit rating of the guarantor c. based on probability of default d. of the guarantee using an option pricing model Ans.(a)
6	9. What are intangible assets? a. Non-monetary assets with physical substance b. Monetary assets without physical substance c. Non-monetary assets without physical substance d. Monetary assets with physical substance Ans.(c)
7	 0. Relief-from-royalty method estimates the value an asset based on the value of the royalty payments a. from which the company is relieved due to its ownership of the asset b. made by the company to acquire ownership of the asset c. received by the company from the useful life of the asset d. over and above the internal rate of return
7	Ans.(a) 1. If the aggregate fair market value of prescribed movable property received by a taxpayer as gift during the year is Rs.1,50,000, tax will be charged on: a. Rs.1,00,000 b. Rs.50,000 c. Rs.1,50,000 d. Rs.0
	Ans.(c)

 72. Which of the following method, would you consider appropriate while valuing the intangible assets? a. Multiple b. Relative c. Consistent d. Exclusive
Ans.(b)
73. During a Mergers and Acquisitions (M&A) transaction, the ability to find and use good comparable data for a valuation is relatively a. easy because each successful company within an industry uses the same ratios b. easy because public stock price fluctuation is not sufficient or erratic enough to make a difference c. difficult because book value is adjusted in small companies as FIFO (first-in first-out) is the method of choice and in public companies' book value is static due to LIFO (last-in-first our method) d. difficult because size differential, management depth, product diversity and access to lines of credit will seldom match the company you are valuing
Ans.(d)
 74. One is entitled to initiate insolvency resolution of a corporate debtor when the corporate debtor a. does not have enough liquid cash to continue operations as a going concern b. has failed to repay a debt when due and payable c. has ceased to be a going concern d. has negative net worth Ans.(b)
 75. What adjustment is made while using the Discounted Cash Flow method to value cyclical companies? a. Normalize earnings b. Use high discount rate c. Use bank rate for discounting d. Use high growth rate Ans.(a)
76. XYZ company has 50 lakh shares outstanding and plans to raise Rs.20 lakh by offering 10 lakh shares at Rs.2 per share. What is XYZ's post-money valuation? a. Rs.1.2 crore b. Rs.1 crore c. Rs.50 lakh d. Rs.2 crore Ans.(a)

77. The d	lecline in the combined ratio is most likely to indicate that the insurer has
b. inc c. im	reased its administration expenses reased its long-term borrowing proved its investment returns proved its underwriting results
Ans. (d)
78. In SE	BI (ICDR), 2009, which of the following come under qualified institutional buyer:
b. A p	provident fund with minimum corpus of twenty crore rupees. provident fund with minimum corpus of twenty-five crore rupees. provident fund with minimum corpus of fifteen crore rupees. provident fund with minimum corpus of sixty-four crore rupees. b)
	SEBI (Share based Employee Benefits) Regulation, 2014, appreciation means ference between the
b. the right c. the app	market price of the share of a company on the date of exercise of stock preciation right (SAR) or vesting of SAR, as the case may be, and the SAR price. face value of the share of a company on the date of exercise of stock appreciation at (SAR) or vesting of SAR, as the case may be, and the SAR price. market price of the share of a company on the date of exercise of share preciation right (SAR) or vesting of SAR, as the case may be, and the SAR price. face value of the share of a company on the date of exercise of share appreciation at (SAR) or vesting of SAR, as the case may be, and the SAR price.
Ans.(a	n)
80. Which	n statute governs external commercial borrowing?
b. For	reign Exchange Maximization Act, 1972 reign Exchange Management Act, 1999 reign Exchange Minimization Act, 2004 reign Exchange Regulation Act, 1972

81.	According to RBI Guidelines on Sale of Stressed Assets by Banks, identification of
	stressed assets beyond a specified value, as may be determined by bank's policy, for
	sale is
	a. top - down
	b. bottom – top
	c. horizontal

Ans.(a)

d. vertical

- 82. Which of the following cases fair exchange ratio based on Manageable Profit Method, Net Worth or Break up Method and market value was accepted by the court?
 - a. Wenger & Co. V/s. D.V.O. (115 I.T.R. 648)
 - b. Gold Coast Selection Trust Ltd. vs Humphray (1949) 17 ITR 19
 - c. Rustam C Cooper vs Union of India AIR 1970 SC 564
 - d. Miheer H. Mafatlal Vs. Mafatlal Industries

Ans. (d)

- 83. In which of the following case the court has held that 'in case of amalgamation, if the exchange ratio has been fixed by an experienced and reputed firm of chartered accountants, then in absence of any charge of fraud against them, court will accept such valuation and ratio of exchange. A mere allegation of fraud is not enough, it must be a proper charge of fraud with full particulars?
 - a. Brooke Bond Lipton India Ltd. (Calcutta Hight Court) case
 - b. Wenger & Co. V/s. D.V.O. (115 I.T.R. 648)
 - c. Rustam C Cooper vs Union of India AIR 1970 SC 564
 - d. Miheer H. Mafatlal Vs. Mafatlal Industries

Ans. (a)

- 84. Which of the following case dealt with 'valuation of infrequent traded share'?
 - a. G.L. Sultania and Another Vs. SEBI, 2007
 - b. Wenger & Co. V/s. D.V.O. (115 I.T.R. 648)
 - c. Rustam C Cooper vs Union of India AIR 1970 SC 564
 - d. Miheer H. Mafatlal Vs. Mafatlal Industries

Ans. (a)

Attempt Questions 85-88 based upon the following case study: $(4 \times 2 = 8)$

In 1995, Company X reported an operating loss of Rs.2,016 crore and a net loss of Rs.5,674 crore. Much of the loss could be attributed to firm-specific problems including a large write off of a failed investment in XYZ, an aircraft manufacturer. To estimate normalized earnings at company X, we eliminated all charges 1995 related to these items and estimated a pre-tax operating income of Rs.5,693 crore. To complete the valuation, the following additional assumptions are made.

- 1. Revenues at company X had been growing 3-5 per cent a year prior to 1995 and we anticipated that the long-term growth rate would be 5 percent in both revenues and operating income.
- 2. The firm had a book value of capital invested of Rs.43,558 crore at the beginning of 1995 and was expected to maintain its return on capital (based upon the adjusted operating income of Rs.5,693 crore).
- 3. The firm's tax rate is 44 per cent.

Further information is as follows:

- i. Bottom-up beta of 0.95.
- ii. The long-term bond rate is 6 percent, and company X could borrow long term at 6.1 per cent
- iii. market risk premium of 4 per cent.
- iv. The market value of equity was Rs.50,000 crore and there was Rs.26,281 crore in debt outstanding at the end of 1995.
- 85. Calculate return on capital of the firm, using the adjusted operating income.
 - a. 7.32 per cent
 - b. 8.30 per cent
 - c. 9.32 per cent
 - d. 5.32 per cent

Ans. (a)

- 86. Calculate the Reinvestment rate using 5 percent expected growth rate.
 - a. 69.31 per cent
 - b. 68.31 per cent
 - c. 70.31 per cent
 - d. 85.31 per cent

Ans. (b)

- 87. Calculate cost of capital using bottom up beta of 0.95.
 - a. 8.60 per cent
 - b. 9.60 per cent
 - c. 6.60 per cent
 - d. 7.60 per cent

Ans. (d)

- 88. Calculate expected free cash flows to firm in 1996.
 - a. Rs.900
 - b. Rs.1061
 - c. Rs.1210
 - d. Rs.1105

Ans. (b)

Attempt Questions 89-92 based upon the following case study: $(4 \times 2 = 8)$

Mr. Dev, a research analyst, has been hired to value RC Ltd., a company that is currently experiencing rapid growth and expansion. Dev is an expert in the communications industry and has had extensive experience in valuing similar firms. He is convinced that a value for the equity of RC Ltd. can be reliably obtained through the use of a three-stage free cash flow to equity (FCFE) model with declining growth in the second stage. Based on up-to-date financial statements, he has determined that the current FCFE per share is Rs.1.00. He has prepared a forecast of expected growth rates in FCFE as follows:

Stage 1: 8 per cent for years 1 through 3

Stage 2: 7.0 per cent in year 4, 6.5 per cent in year 5, 6.0 per cent in year 6

Stage 3: 4.0 per cent in year 7 and thereafter

Moreover, Dev has determined that the company has a beta of 1.6. The current risk-free rate is 3.0 per cent, and the equity risk premium is 5.0.

Other financial information:

Outstanding shares: 100 lakh shares

Tax rate: 40.0 per cent

Interest expense: Rs.30,00,000

b. 7.00 per centc. 6.20 per cent	
c. 6.20 per cent	
d. 11.00 per cent	

- 90. The terminal value in year 6 is closest to _____.
 - a. Rs.22.57
 - b. Rs.20.42
 - c. Rs.24.30
 - d. Rs.25.70

Ans.(a)

91. The per share value Dev should assign to RC Ltd. is closest to	
a. Rs.15.35 b. Rs.20.86 c. Rs.17.35 d. Rs.18.46	
Ans.(c)	
92. The free cash flow to the firm (FCFF) is closest to a. Rs.130 lakh b. Rs.112 lakh c. Rs.118 lakh d. Rs.124 lakh Ans.(c)	
