



MATHS

BOOKS - PEARSON IIT JEE

FOUNDATION

BANKING AND COMPUTING

Example

1. The following is an extract of the saving bank pass book of mrinalini who holds an

account with corporation bank

Calculate the interest accrued on the account
at the end of june 2005 at 5% per annum

Date	Particulars	Amount Withdrawn		Amount Deposited		Balances	
		₹	P	₹	P	₹	P
7-1-2005	Balance B/F					8400	00
10-1-2005	By cash			12,500	00	20,900	00
31-1-2005	To cheque No. 3541	6500	00			14,400	00
15-2-2005	By cash			3500	00	17,900	00
13-3-2005	To cheque No. 3543	2800	00			15,100	00
25-3-2005	By cheque			2000	00	17,100	00
3-4-2005	To cheque No. 3544	1400	00			15,700	00
18-4-2005	To cheque No. 3545	3500	00			12,200	00
21-5-2005	By cash			5400	00	17,600	00
15-6-2005	To cheque No. 3546	6000	00			11,600	00
21-6-2005	To cheque No. 3547	2000	00			9600	00
15-7-2005	By cash			3500	00	13,100	00



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2. Govind opened a bank account on
1 – 4 – 2006 by depositing Rs. 3000. He
deposited Rs. 1000 on 11 – 4 – 2006 and

withdrew Rs. 500 on 15 – 4 – 2006. Compute the interest paid by the bank for the month of April, if the rate of interest is 4 % per annum.



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3. Rajan makes fixed deposit of Rs. 8000 in a bank, for a period of 2 years. If the rate interest is 10 % per annum compound annually, find the amount payable to him by the bank after two years.



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4. Mahesh deposits Rs.600 per month in a recurring deposit account for 2 year at 5 % per annum. Find the amount he receives at the time of maturity.



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5. Genesh takes a lone of Rs.20,000 on 1 – 4 – 2005. He rapays Rs. 2000 on the 10th of every month, starting from May 2005. If the

rate of interest is 15 % per annum, calculate the interest upon 30 – 6 – 2005.



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6. A television set is sold for Rs. 9000 cash on Rs.1000 cash down followed by six equal instalments of Rs.1500 each. What is the rate of interest ?



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7. Chetan deposited Rs 60000 in a fixed deposit account for 2 year at 20% per annum interest being compounded annually .At the end of the 2nd year he withdraw certain amount .Chetan deposited the remaining amount for another one year at the same rate of interest .At the end of he third year his account balance was Rs 46080 find the amount that he withdrew (in Rs)

A. 36000

B. 24000

C. 54000

D. 48000

Answer: 48000



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8. The principal and the rate of simple interest per month. Write an algorithm to calculate cumulative simple interest at the interest at the end of each year for 1 to 10 year and draw a flowchart



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9. Write an algorithm and draw a flowchart to find the sum of first 50 natural numbers



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10. 1. Read A,B,C,D

2 $S = (A * C) + (B * D)$

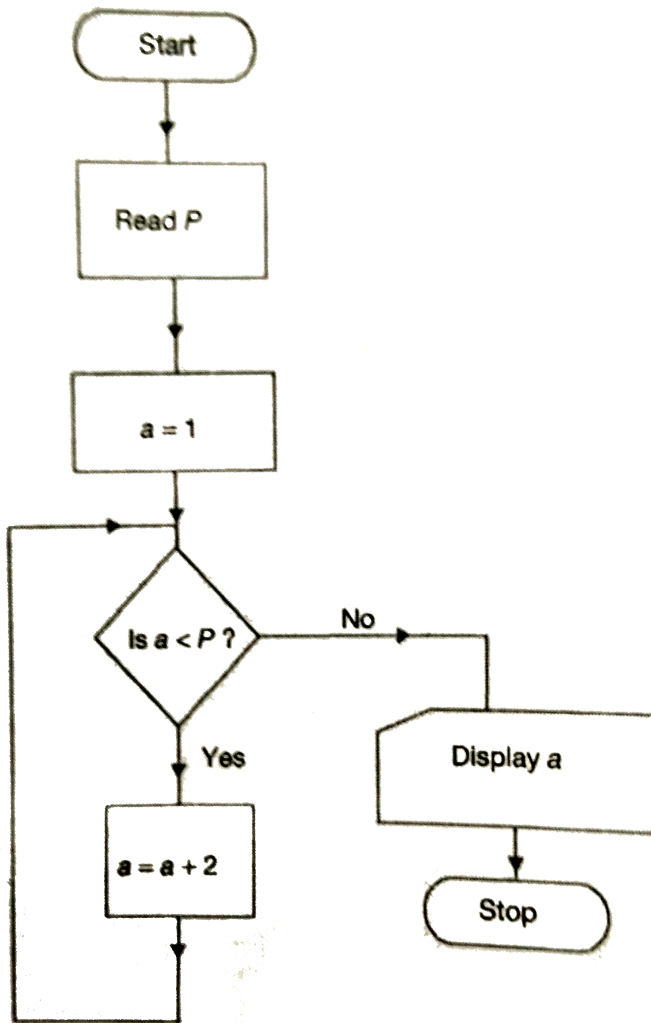
3. Print total cost is Rs"S

4. End

If D,C,B and A have values 2,10,4 and 13 respectively then what is the output of the above algorithm?



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11.

In the above chart if $P = 6$ then what is the output?

A. 8

B. 5

C. 7

D. 9

Answer: N/A



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Very Short Answer Type Question

1. Deposit taking and money lending are the main function of _____



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2. The business of receiving deposits and lending money is carried out by _____



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3. _____ are given by banks on rent to keep valuables in safe of saving



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4. The purpose of _____ account is to encourage the habit of saving



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5. The deposits and withdrawals are recoded in a small note book known as _____



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6. If a cheque is issued without having minimum balance in the account the cheque will be _____ (dishonoured / passed)



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7. There is no restriction on the amount deposited / withdraw or on the number of withdrawals in a _____ account



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8. Banks provide _____cheques and _____exchange to the tourists



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9. In big cities sales tax and income tax are paid through _____



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10. under hire purchase scheme the buyer is called _____



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11. Money can be withdrawn from a saving account by the account holder either by filling the withdrawal form or a _____



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12. The rate of interest paid for the money kept in the current account is _____



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13. The formula for simple interest if Rs P per month is deposited each month for n months at R % per annum is _____



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14. In _____ account the depositor is paid a lump sum payment after the expiry of the fixed period during which the account holder deposits small amounts at regular intervals (i.e. monthly)





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15. In _____ bank account the interest is calculated on the sum of the minimum balance present between the 10th and the end of the month



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16. Why is charles babbage known as the father of computer?



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17. What are the basic units of cpu?



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18. The rpresent day computers are known as
_____ machines



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19. What are the four fundamental arithmetic operation ?



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20. The box in which START is written while drawing a flowchart is known as_____



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21. The box indicating the type of decision is known as _____



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22. Which of the following are the characteristic of a computer

(a) speed

(b) Accuracy

(c) storage

(d) all the above





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23. The method of solving a problem in computer is known as _____



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24. Computer works according to instruction .This set of instruction is called _____



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25. What are the type of the boxes used in the flowcharts?



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26. The pictorial representation of the algorithm of a problem is know as _____



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27. Is a decision box needed for the following statement ? How much is that apple (yes/no)



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28. What is the input data in the problem ?

How many apples can you buy if one apple costs Rs 10 if you have Rs 20?



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29. A marathon can complete a lap of 10 kms in 1 hour what is the average speed ? Pick the input data



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30. The communication with hardware parts of the computer is possible through _____



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Short Answer Type Question

1. Mention the various types of accounts provided by banks



2. Details of Mahan 's saving bank account are given below

Date	Amount Withdrawn	Amount Deposited
2-8-2099		₹2000
10-9-2099	₹400	
15-9-2099		₹4000
16-10-2099	₹1000	
30-11-2099	₹1000	

Calculate the sum for which he earns interest from august 1999 to november 1999

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3. Anand makes a fixed deposited of Rs 16000 in a bank for 3 year .If the rate of interest is 10% per annum compounded yearly then find the maturity value



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4. Rajeshwar makes a fixed deposit of Rs 6000 for 1 year if the rate of interest is 10% per annum and compounded half yearly .Then find the total amount that he received after one year



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5. Subhash deposited Rs 5000 and it becomes Rs 5900 in 1 year under simple interest .If he deposited Rs 10000 with the same rate of interest for 1 year under simple interest then what is the maturity amount?



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6. A man deposits Rs 64000 at a certain rate of interest compounded yearly .If amount becomes Rs 81000 in two years then find the rate of interest



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7. Abhijit opened an account with Rs 40000 on 1-1-2006 .His transactions are as follows :

(a) On the January 10 he withdrew 20% of the amount that he deposited

(b) On the february 10 he withdrew 40% of the balance amount

(c) on march 10 he drew 5% of the balance amount

If abhijit closes his account on 1-4-2006 then find the total amount he would receive if the bank paid interest at 4% per annum (approximately)



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8. Rahit purchased a washing machine in an installment scheme .It is sold for Rs 8000 cash or Rs 1000 cash down followed by equal instalments of Rs 18000 each .find the rate of interest ?



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Easy Type Question

1. Details of shashi 's saving bank account are given below

Date	Amount Deposited	Amount Withdrawn
1-12-2098	₹800	
04-1-2099	₹1200	
30-1-2099		₹400
10-2-2099	₹900	
9-3-2099	₹600	

Calculated the total interest earned by him up to 30-4-1999

The rate of interest is as follows

(i) 4% per annum up to 28-2-1999

(ii) 35 per annum from 01-3-1999 to 30-4-1999

Date	Amount Deposited	Amount Withdrawn
28-4-1999		₹200



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2. Krishna deposits Rs 500 per month in a recurring deposit for 20 months at 4% per annum find the interest he receives at the time of maturity



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Level 1

1. Reena opened an account on 2-3-2006 by depositing Rs 8000 she deposits Rs 3000 on the 15th of every month and withdraws Rs 2000 on the 20th of every month .If she closed her account if the bank paid an interest of 4% per annum? (approx)

A. Rs 15427

B. Rs 15127

C. Rs 15227

D. Rs 15327

Answer: b



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2. Ramu opened a saving bank account with a bank on 3-4-2005 with a deposit of Rs 500 .He deposited Rs 50 on 12-4-2005 and thereafter neither deposited nor withdrew any amount .The amount on which he would receive interest for the month of april 2005 is _____

A. Rs 500

B. Rs 50

C. Rs550

D. none of the above

Answer: a



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3. Rahul opened a saving bank account with a bank on 1-1-2006 with a deposit of rs 1000 .He deposited Rs 100 on 9-1-2006 .The amount on

which he would received interest for the month of february 2006

A. Rs 1000

B. Rs 100

C. Rs 1100

D. 0

Answer: c



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4. Shiva makes a fixed deposited of Rs 15000 with a bank for 1 year 6 months .If the rate of interest is 8% per annum compounded half yearly then the amount which shiva received at the end of this period is _____

A. Rs 16812.90

B. Rs 16872.96

C. Rs 17872.96

D. Rs 18872.96

Answer: b



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5. Pasha deposited Rs 20000 on 1-1-2006 to open a saivng account .He withdrew Rs 1000 on the 10th of every month .He closed his accounts on closing the account if the bank paid interest at 4% per annum ? (approx)

A. Rs 283

B. Rs 192

C. Rs 384

D. Rs 252

Answer: a



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6. Rahul opened a saving bank account with a bank on 1-2-2006 with a certain amount interest is credited to his account at the end of june and december every year and the rate of interest is 5% per annum .If the sum of the minimum balance up to the end of june is Rs

2000 then the interest that Rahul gets at the end of june 2006 is _____

A. Rs 8.01

B. Rs 8.33

C. Rs 8.20

D. Rs 8.40

Answer: b



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7. A company named infosys paid to its employee Arshya Rs 15000 through a bank on the 2nd of every month. The company opened the saving account with icici bank on 2-7-2006 by depositing her first salary. She used to withdraw Rs 4000 for her expenses on the 15th of every month. If she closed her account on 8-11-2006 then on what amount did she receive interest?

A. Rs 121000

B. Rs 111000

C. Rs 120000

D. Rs 110000

Answer: d



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8. Sanjay makes a fixed deposit of Rs 20000 with a bank for 2 year .If the rate of interest is 8% per annum then the amount which he receives at the time of maturity is _____

A. Rs 21328

B. Rs 22328

C. Rs 23328

D. Rs 24328

Answer: c



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9. Murthy makes a fixed deposit of Rs 20000 with a bank for 100 days .If the rate of interest

is 5% then find the amount he will receive on maturity of his fixed deposit

A. Rs 20273.97

B. Rs 21273.97

C. Rs 22273.97

D. Rs 23273.97

Answer: a



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10. What is the total amount for which the bank will pay interest ?

A. Rs 500000

B. Rs 100000

C. Rs 110700

D. Rs 120900

Answer: c



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11. If the bank pays an interest of 4% per annum then what is the total interest he would received from the bank?

A. Rs 169

B. Rs 269

C. Rs 469

D. Rs 369

Answer: d



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12. If he draws Rs 5000 on 5-10-2006 from the bank and the remaining data is the same then what is the interest paid to him by the bank on 1-11-2006? (interest rate =4%)

A. Rs 462

B. Rs 392

C. Rs 352

D. Rs 823

Answer: c



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13. If he closes the account on August 31 when what is the total paid by the bank ?(including interest)

A. Rs 21159

B. Rs 21000

C. Rs 21400

D. Rs 21304

Answer: d



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14. If the bank pays interest at different rates for different periods as follows

(i) 4% per annum up to the date 1-9-2006

(ii) 3% annum form 2-9-2006 to 31-12-2006

Itbnrgt Then the total interest is _____

A. Rs 285

B. Rs 310

C. Rs 290

D. Rs 303

Answer: d



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15. A loan of Rs 18900 is to be paid back in two equal half yearly instalment if the interest is compounded half yearly at 20% per annum then the interest is (in rupees)

A. Rs 2880

B. Rs 3000

C. Rs 3178

D. Rs 3380

Answer: a



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16. Nikhil opened a recurring deposit account with The state bank of india for 3 year.The bank paid him Rs 20200 on maturity .If the rate of intest is 8% per annum then the amount that nikhil deposited per month is _____

A. Rs 300

B. Rs 400

C. Rs 500

D. Rs 600

Answer: c



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17. A fan is sold for Rs 900 cash or Rs 400 cash down payment followed by Rs 520 after two

months at simple interest .The annual rate of interest is:

A. 0.25

B. 0.3

C. 0.24

D. 0.23

Answer: c



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18. Kiran has a cumulative term deposit account of Rs 600 per month at 8% per annum .If he received Rs 24264 at the time of maturity then the total time for which the account was held is _____

- A. 12 months
- B. 24 months
- C. 36 months
- D. 46 months

Answer: c



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19. what is the total amount on which interest is paid till 1-8-2006

A. Rs 160000

B. Rs 189440

C. Rs 198000

D. Rs 200000

Answer: b



20. If interest is paid @ 3% simple interest per annum then the total interest (approximately) is

A. Rs 440

B. Rs 500

C. Rs 490

D. Rs 474

Answer: d





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21. What was the balance in her account as on 31-7-2006 ?

A. Rs 64000

B. Rs 44800

C. Rs 40320

D. none of the above

Answer: c



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22. At the time of closing the account what amount did the bank pay her when interest was paid at 3% simple interest per annum?

A. Rs 40550

B. Rs 40794

C. Rs 40820

D. Rs 40800

Answer: b



23. Ranjith opened a saivng bank account in a bank on 11-2-2006 with a deposit of Rs 5000 .He deposited Rs 1000 On 20-2-2006 and thereafter he neither deposited nor withdrew any amount .Find the interest received for the month of februrary 2006 at the rate of 4 % per annum

A. Rs 50/3

B. Rs 20

C. Rs 15227

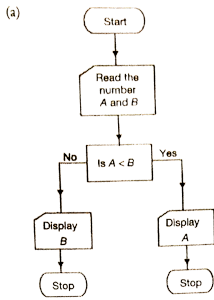
D. He did not receive any interest

Answer: d

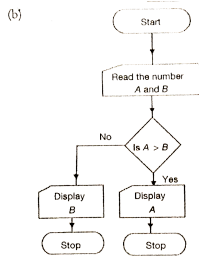


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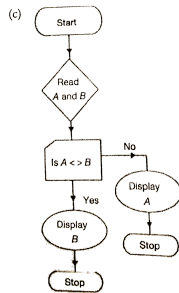
24. Which of the following is an appropriate flowchart to find the greatest number between the two numbers A and B?



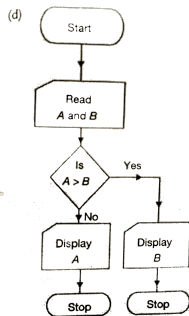
A.



B.



C.



D.

Answer: b



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25. which of the following problems has a loop in the flowchart drawn to solve the problem ?

A. Give cost price and selling price of an article we need to find the gain or loss

B. Given a set of 100 natural numbers we need to find the largest among the

number

C. Given two number A and B we need to find the sum and the product of the number

D. Given two number x and y we need to find its gemetric mean

Answer: b



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26. What will be the output fo the following algothim ?

A. 47°

B. 97°

C. 77°

D. 67°

Answer: c



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27. Evaluate the expression as performed by a

compute : $720 - 7 \times 88 + \frac{111}{37} - \frac{256}{16}$

A. 58

B. 85

C. 119

D. 91

Answer: d



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28. Write an algorithm to find the area of a rectangle

A. (i) Read length (l) and breadth (b)

(ii) Find the area by using $A = l \times b$

(iii) Display the area

B. (i) Find the area by using $A = 2(l+b)$

(ii) Display the area

(iii) Read length (l) and breadth (b)

C. (i) Read length (l) and breadth (b)

lrbgt (ii) Find the area by using $A=2(l+b)$

(iii) Display the area

D. (i) Read length (l) and breadth (b)

(ii) Display the area

(iii) Find the area by using $A=l \times b$

(iv) Display length and breadth

Answer: a



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29. Evaluate the following expression as a computer does

$$\text{I } \frac{dxxa}{b - c \times e}$$

$$\text{II } \frac{r}{(p \times q) - c \times e}$$

The values of I and II are:

A. $\frac{a}{b} - ce, \frac{r}{pq} - ce$

B. $\frac{d}{ab} - ce, \frac{re}{p} - ce$

C. $\frac{ad - ce}{b}, \frac{r}{pq - ce}$

D. $\frac{ad}{(b-c)e}, \frac{r}{(pq-ce)}$

Answer: a



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30. _____are used to connect variable and constants to form expressions

A. statement

B. basic keywords

C. operator

D. input/output statements

Answer: c



Level 2

1. Ravi opened a saving bank account with a bank on 1-2-2006

Date	Deposit	Withdrawal
1-1-2006	₹1500	—
10-1-2006	—	₹400
20-1-2006	₹10,000	—
21-2-2006	—	₹5000
30-4-2006	₹4100	—
6-6-2006	₹2000	—
10-9-2006	—	₹4000
21-9-2006	—	₹4000
24-10-2006	₹8000	—
24-12-2006	—	₹1000

Find the sum of the eligible monthly balances

for which interest is calculated at the end of december?

A. Rs 95000

B. Rs 98000

C. Rs 100000

D. Rs 92000

Answer: b



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2. Compute the interest till the end of december at the rate of 4% per annum approximately

Date	Deposit	Withdrawal
1-1-2006	₹1500	—
10-1-2006	—	₹400
20-1-2006	₹10,000	—
21-2-2006	—	₹5000
30-4-2006	₹4100	—
6-6-2006	₹2000	—
10-9-2006	—	₹4000
21-9-2006	—	₹4000
24-10-2006	₹8000	—
24-12-2006	—	₹1000

A. Rs 357

B. Rs 753

C. Rs 300

D. Rs 792

Answer: b



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3. A folio from the saving bank account of Mr chetan is given below .The simple interest at 4% per annum from 3-1-2003 up to 1-6-2003 is _____(approx)

Date	Particulars	Withdrawal (₹)	Deposit (₹)	Balance (₹)
3-1-2003	B/F	—	—	24,000
16-1-2003	To Cheque	5,000	—	19,000
11-3-2003	By Cash	—	10,000	29,000

Date	Particulars	Withdrawal (₹)	Deposit (₹)	Balance (₹)
17-1-2003	By Transfer	—	8,000	37,000
6-5-2003	By Cheque	—	7,653	44,653
19-5-2003	By Cash	3,040	—	41,613

A. Rs 440

B. Rs 425.38

C. Rs 450.49

D. Rs 460

Answer: a



4. Mr Ramu has his saving bank account with andhra bank given are the entries in his pass book

Date	Particulars	Withdrawal (₹)	Deposit (₹)	Balance (₹)
3-1-2003	B/F	—	—	7635.00
17-1-2003	To Cheque	4527.00	—	3108.00
8-2-2003	By Cash	—	215.00	3323.00
14-3-2003	By Cash	—	602.00	3925.00
15-5-2003	To Self	1580.00	—	2345.00
7-6-2003	To Cheque	219.00	—	2125.00
22-6-2003	By Cash	—	700.00	2825.00

Ques: 4

ltvbrgt

The interest up to 30-6-2003 at $4\frac{1}{2}\%$ per annum is _____(approx)

A. Rs 60.70

B. Rs 65.70

C. Rs 68.06

D. Rs 70.06

Answer: c



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5. Calculate the total approximate interest earned by ravi up to 31-12-2006 .The rates of interest which change from time to time are

as follows

(i) 5% per annum up to 3-8-2006

(ii) 4.5 % per annum from 1-9-2006 to 31-12-2006

A. Rs 395

B. Rs 405

C. Rs 400

D. Rs 385

Answer: a



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6. Sameena has a saving bank account with a state bank branch .The entries in her pass book for the month of may are as follows

As on 1-5-2006 balance is Rs 22200

On 5-5-2006 amount deposited is Rs 8800

On 9-5-2006 amount deposited is Rs 1000

On 10-5-2006 amount deposited is Rs 5000

On 16-5-2006 amount deposited is Rs 40000

Calulate the interest she earns for the month of may at the rate of 4% per annum

A. Rs 100

B. Rs 223.30

C. Rs 90

D. Rs 256.60

Answer: c



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7. Arshya makes a fixed deposit (FD) of Rs 5000 for a period of 1 year .The rate of interest is 6% per annum compounded every four months in a

year find the approximate maturity value of the FD

A. Rs 5205

B. Rs 5000

C. Rs 5306

D. Rs 5400

Answer: c



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8. If in a computer language

+ means subtraction

- means addition

X means division

/ means multiplication

Then evaluate the expression $\frac{1000 + 89}{11 - 365 \times 5}$ as

the computer performs when written that language

A. 94

B. 271

C. -1726

D. 2070

Answer: a



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9. Which of the following are true?

(a) 1 kb = 1000 bytes

(b) 1 MHz = 1024 Hz

(c) Kbps is the unit used in measuring the memory of a computer

(d) The pictorial representation describing a

method of solving a problem which is an algorithm

A. A,B,C

B. All of the above

C. A,B

D. none of the above

Answer: d



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10. (a) Read the value of P and Q

(b) If $P > Q$ then $k = p - q$

(c) If $p < q$ then $k = p + q$

(d) If $p = q$ then $k = p * q$

(e) print the answer :k

(f) stop

If the input values P and Q are 10 and 25 then

what is the output of the above algorithm ?

A. 250

B. 15

C. 35

D. 2

Answer: c



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11. Which of the following statements can be filled in the decision box?

- (a) is it hot ?
- (b) how much is the cost of an apple?
- (c) is the price less than Rs 200
- (d) you are going to movie aren 't you?

A. B,C,D

B. A,C

C. A,C,D

D. All the above

Answer: c



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12. If three distinct number x, y and z given and we need to find the largest number among the

three then an appropriate flowchart written to accomplish this task consist to _____

A. at least 1 decision box

B. at least 2 decision box

C. only 1 decision box

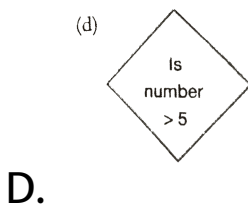
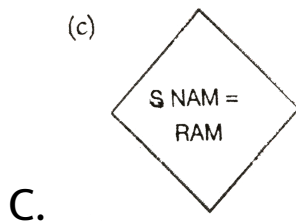
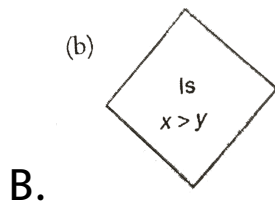
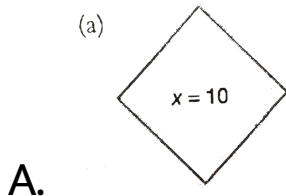
D. no decision box

Answer: b



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13. Which of the following is incorrect while writing flowchart?



Answer: a



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14. Which of the following is an appropriate algorithm to add two number A and B

A. (i) Read the two number A and B

(ii) Display the sum of the numbers

(iii) Add the two numbers

B. (i) Read the two number A and B

(ii) Add the two number A and B

(iii) Display the sum

C. (i) Display the sum of the number

(ii) Read the two number A and B

(iii) Add the number A and B

D. (i) Add the two number A and B

(ii) Read the two number A and B

(iii) Display the sum

Answer: b



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15. Ganesh opened a saving bank account with a bank on 5-7-2007 with a deposit of Rs 8000 .He deposited 40% of his initial deposit on 9-8-2007 .He closed his account on 7-10-2007 .Find the amount on which he received interest for the month of August (in Rs)

A. 8000

B. 9400

C. 10600

D. 11200

Answer: d



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16. A briefcase can be sold for Rs 600 or for a certain amount of cash down payment followed by a payment of Rs 309 after months .if the rate of interest is 12% per annum find the cash down payment (in Rs)

A. 300

B. 302

C. 298

D. 297

Answer: a



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17. Bala opened a saving bank account with a bank on 4-1-2007 where interest is credited at the year end. The sum of the minimum balance held by bala up to the end of december 2007

was rs 4800 he earned an interest of Rs 2 month that year find the annual rate of interest

- A. 6% per annum
- B. 4.5% per annum
- C. 5% per annum
- D. 4% per annum

Answer: a



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18. Rohan opened a saving bank account with indian bank on 2-5-2006 .His initial balance was Rs 650 .He withdrew Rs 150 on 11-5-2006 and thereafter he neither deposited nor withdrew any amount during that month .Find the amount on which he would receive interest for that month (in Rs)

A. 150

B. 650

C. 500

D. none of these

Answer: c



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19. Bala opened a fixed deposit account for 2 year by making a deposite of Rs 12000 .The rate of interest was 20% per annum interest being comounded annually find the total interst paid by the bank (inRs)

A. 4800

B. 5280

C. 5760

D. 6240

Answer: b



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20. Evaluate the following expression as performed by a computer

$$540 - 9 \times 58 + \frac{301}{43} - \frac{324}{18}$$

A. 7

B. 9

C. 11

D. 13

Answer: a



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21. What is the output of the following algoithim?

Step 1: Take $F=104$

Step 2: $C=(5/9)XF - (160/9)$

Step 3: Print C

Step 4: End

A. 38

B. 40

C. 42

D. 44

Answer: b



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22. Which of the following can be filled in a decision box?

A. A,B,C

B. B,C,D

C. A,B,D

D. A,C,D

Answer: d



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23. Evaluate the following expression as performed by a computer

$$900 - 71 \times 13 + \frac{546}{7}$$

A. 55

B. 35

C. 65

D. 75

Answer: a



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24. If the input values of A and B are 18 and 12 then what is the output of the algorithm below ?

Step 1 : Read the values of A and B

Step 2: If $A \geq B$ then $C=A-B$

Otherwise $C=B-A$

Step 3: Print C

Step 4: End

A. 8

B. -6

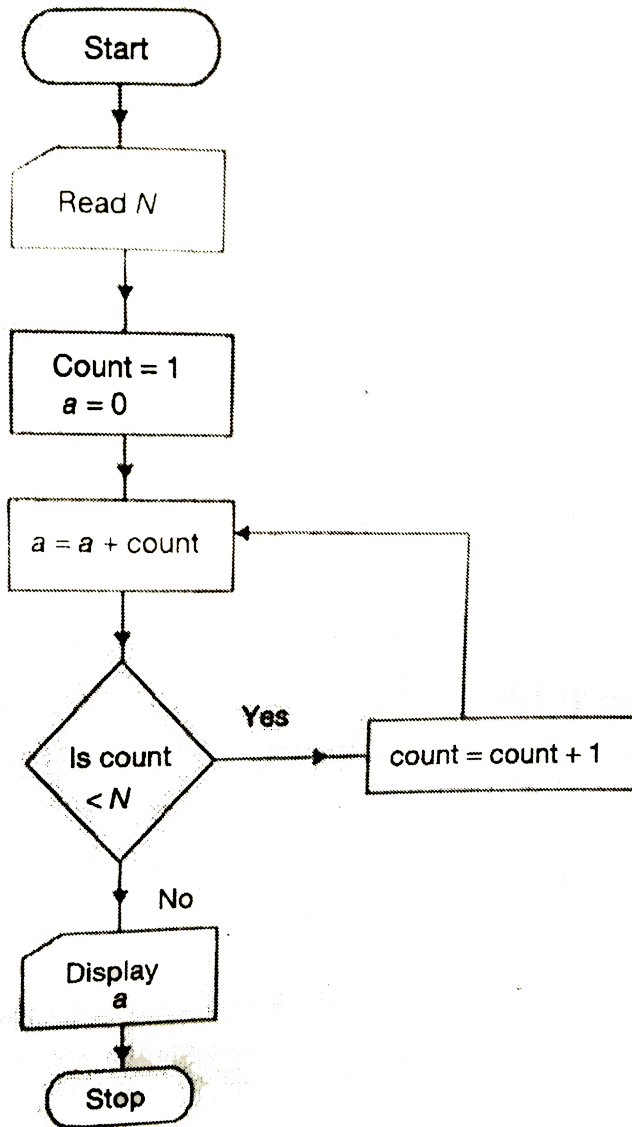
C. 6

D. 10

Answer: c



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25.

In the above flowchart if $N = 10$ then what is the output?

A. 55

B. 50

C. 60

D. none of these

Answer: a



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26. A man deposited a certain amount for 3 year at comound interest .The abnkd gave him a statement that for the first year the amount

was Rs 1000 for the second year it was Rs $(1000+x)$ and for the third year it was $\left(1000 + \frac{41x}{20}\right)$ Find the rate of interest given by the bank (interest compounded annually)

A. 2% per annum

B. 3% per annum

C. 4% per annum

D. 5% per annum

Answer: d



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Level 3

1. A man earns money from different businesses he opened his account on 4-2-2005 with Rs 500 In every month on the 8th he deposits rs 10000 and every onth on the 27 th he draws Rs 5000 beginning form february on the 15th of every alternate month he depositts Rs 2000 one march 15 he withdraws Rs 1500 calculate the sum on which he earns interest at the end of april 2005

A. Rs 22500

B. Rs 37500

C. Rs 36500

D. Rs 11500

Answer: c



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2. Naveen opened a bank account by depositing Rs 80000 for 2 year at 10% per annum compound interest compounded

annually .At the end of two year he withdrew a certain amount and the remaining amount is deposited for the 3rd year .AT the end of the 3rd year he withdrew the total balce of rs 99000 form the abnk .What amount did he withdraw at the end of the 2nd year?

A. Rs 8200

B. Rs 4500

C. Rs 6800

D. Rs 10000

Answer: c



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3. Rohit opened a fixed deposited of Rs 25000 with a bank for one years .If the rate of interest is 10% per annum interest beong compounded half yearly then find the amount he received at the end of this period approximately (in Rs)

A. 28821

B. 28153

C. 28916

D. 28941

Answer: d



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4. Anil opened a recurring deposit account with Axis Bank for n year .He deposited Rs 800 in every month.The bank paid him Rs 10784 n on maturity The rate of interest was 8% per annum .Find n

A. 3

B. 2.5

C. 2

D. 3.5

Answer: a



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5. Mr Mohan lent a sum of Rs 50600 at 20% per annum comound interest , interest being compounded annually .It to be repaid in two

equal half yearly installments find the interest
on the sum (in Rs)

A. 18220

B. 19680

C. 15640

D. 20880

Answer: c



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6. Ashok opened a fixed deposit with certain amount in a bank .The sum quadrupled in 8 year at $R\%$ annum interest being compounded annually Find the time in which it will become 32 times itself at $R\%$ per annum interest being compounded annually (in years)

A. 20

B. 24

C. 16

D. 28

Answer: a



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