BPCL Model Paper Questions

1.   Full form of TTL and CMOS

2.   Which is a good conductor (Extrinsic or Intrinsic)

3.   What are the different types of capacitors (Electrolytic, dielectric...etc)

4.   Select a passive component from the following (four choices were there)

5.   Minimum no. of lines required for communication using RS232 (Ans: i think its 2)

6.   To convert 1's complement to 2's complement and vice versa

7.   During which time we use 'size of' command.

(ans: runtime)

8.   Out of four choice we have to identify which is a macro.

9.   There was one pointer expression related question.

10.   To find post fix expression.

11.   What type of operating system is unix

(ans: pre-emptive,[not sure])

a)   pre-emptive b) non-preemptive c) batch

12.   Definition of turing machine.

13.   Where we use DFD(Data flow design)

a)   structural languages b) object oriented languages c) UML d) all of the above

14.   Name the error which occurs when we write on a page a) segment fault b)permission fault c)
page fault

15.   A question based on the representation of an array in C

An array whose elements are fn pointers which inturn returns a character

1. Last month of an year

(a) January (b) February (c) December (d) November

2. Select the odd one

(a) January (b) February (c) Wednesday (d) November

3. Select the antonym of capture from the following

(a) attack (b) Release (c) condemn (d) None of the above

4. Find the antonym of autumn

(a) Spring (b) Winter (c) Summer (d) None of the above

5. One skirt requires 3.75 yards of cloth. How many skirts you can make from 45 yards? Ans: 12 skirts

6.   How can you make a square from two triangles?

7.   Is the meaning of Client and Customer,

(a) same (b) contradictory (c) no relation

8. Is the meaning of It's and Its,

(a) same (b) contradictory (c) no relation

9.   Is the meaning of Canvas and Canvass,

(a) same (b) contradictory (c) no relation

10.   Is the meaning of Ingenious and Ingenuous,

(a) same (b) contradictory (c) no relation

11.   Is the meaning of Credible and Credulous,

(a) same (b) contradictory (c) no relation

12.   Select the odd one out.

(a) 1/4 (b) 1/3 (c) 1/6 (d) 1/18

13.   Select the least from the following.

(a) 0.99 (b) 1 (c) 81 (d) 0.333

14.   Find the next number in the series. 1, 0.5, 0.25, 0.125 Ans: 0.0625

15.   One dollar is saved in one month. Then how much dollar is saved in one day? Ans: 1/30 =0.0333$

16.   Y catches 5 times more fishes than X. If total number of fishes caught by X and Y is 48, then number of fishes caught by X?

Ans: 8

17.   Y catches 5 times more fishes than X. If total number of fishes caught by X and Y is 42, then number of fishes caught by X?

Ans: 7

18.   If a train covers 600m in 0.5 seconds, how long it will cover in 10 seconds? Ans: 3000m = 3km

19.   The girl's age is twice that of boy, if the boy is four years old. After four years the age of the girl is

Ans: 12 years

20.   Sister's age is twice than that of the brother. If the brother's age is six,

what is the sister's age after two years? Ans: 14 Yrs.

21.   Two lemons cost 10 cents. Then one and a half dozen cost Ans: 90 cents

22.   A clock is late by 1 minute 27 seconds in a month. Then how much will it be late in 1 day?

Ans: 2.9 seconds

23.   Which of the following figures together will make a triangle?

Ans: a,b,c,d

24.   Make a square by drawing only one line Ans: line 2-5, square 2-3-4-5-2

25.   Which of the following is the odd one? crew, constellation, companion, league, participants. Ans: companion

26.   Opposite of Remote?

(a) Far (b) Near (c) Huge (d) Village

27.   Statement A: All great men are ridiculous; Statement B: I am ridiculous ;
Inference : I am a great man;

(a) True (b) False (c) Not clear

28.   Statement: Normal children are active; Inference: All children are active;

(a) True (b) False (c) Uncertain

29.   Next number in the series 1, 1/2, 1/4, 1/8 ?

Ans: 1/16

30.   In 6 seconds a light flashes once. In one hour how many times it will flash?

Ans: 601 times

31.   At 20% discount, a cycle is sold at a selling price of 2500 Rs. What is the actual price?

Ans: Rs. 3125

32.   Statement A: A & B have same age; Statement B: B is younger than C; Inference : A is younger than C;

(a) True (b) False (c) Uncertain

33.   All chickens lay eggs (True/False) Ans: False

34.   A invests $12000, B invests $8000, C invests $6000 and they got a profit of $1200. How much share A got more than B and C?

Ans: 2/13 and 3/13