

CTS 98
IIT MADRAS

analogies

1. slur : speech

ans: smulge : writing (choice is B)

7. cpahlet : shoulder

ans: ring : finger (choice is C)

8. vernanlar : place

ans: finger print : identical (choice is B)

opposite

9.corphlent

ans: emaciated (choice is D)

10. officious

ans: pragmate (choice is D)

11. dextrous

ans: clumsy (choice is B)

12 -14: each sentence is broke to four sections a,b,c,d.choose which has mistake mark (e) if you find no mistake.

12:a)phylchologists pointout that b)there are human processes

c)which does not involve d) the use of words

(choice is A)

13:a)jack ordered for b)two plates of chicken c)and a glass d)of water

(choice is A)

14:a) politics is b) (choice is A)

(are)

16 - 20: each question of group of questions is based on a passage or a set of conditions for each question,select the best answer choice given.

(i).if it is fobidden by law if the object of agreement is the doing of an act, that is forbidden by law the agreement is void.

(ii). if it is of the nature that,it would defeat the provision of any law is the agreement is void.if the object of agreement is such that thing got directly forbidden by law it would defeat the provision of statuary law.

(iii). if the object of agreement is fraddulent it is void.

(iv). an object of agreement is void if it involves or implies to the personnal property of another.

(v). an object of agreement is void where the constant regards as ignored.

(vi). an object of agreement is void where the constant regards is as opposed to public policy.

17. A,B,C enter an agreement for the division a many them of gains acquest

or by be acquit by them by the argument is void as
ans: ---- (choice is D)

21-25) An algorithm follows a six step process za,zb,zc,zd,ze,zf, it is governed by following

- (i) zd should follow ze
 - (ii) the first may be za,zd or zf
 - (iii) zb and zc have to be performed after zd
 - (iv) zc must be immediately after zb
- 21) ans:- D

22) if za the first set zd must be

- a) 3rd b) 5th c) 2nd d) 4th ans:- A or D (probably a)

23) zf can be 3rd or 5th-----any of the six, first, second or forth only,
any of first four only
none these

ans:- B

24) if zb must follow za then a) za can only 3rd or fourth
b) first or second c) can not be third d) fourth or fifth e) none
ans:- A

25) ze is third term the no of diff operations possible is
ans:- D (dabad)

26-31) ravi plans six sep-- x,y,z,w,u,v in rows no 1 to 6 ,according to the following conditions

he must plant x before y and u

he must plant y " w

the 3rd has to be z

26) which could be in order

- a) xuywzv b) xvzyuw c) zuyxwv d) zvuxwy e) wyzuvx
ans:- B

27) which is true

- a) z before v b) z before x c) w before u d) y before u
e) x before w
ans:- D

28) if he plans v first which is second

x,y,z,w,u

so ans is 'x'.

choice is A.

29) which is true

- a) x,3 b) y,6 c) z,1 d) w,2 e) u,6
ans:- E

30) if he plans b 6th which would be first and second

- a) x and w b) x and y c) y and x d) w and z e) w and u
ans:- B

31) if he plans w before u and after v he should plan w at

a) first b)second c)fourth d)fifth e)sixth

ans:- D

32)thursday

33)a&d

34)south hit

35)

36)at a certain moment a watch shows 2 min lag although it is fast.if it showed a 3 min lag at that moment ,but gain $\frac{1}{2}$ min more a day than it does. it would show the true time one day sooner than it usually does .how many mins does the watch gain per day.

a).2 b).5 c).6 d).4 e).75

ans : e

---->(discount problem) 20%->15%then->32% (ans:32%)

37)in 400m race a gives b a start of 7 sec & beats by 24m.in another race a beats by 10 sec.the speeds are

a)8,7 b)7,6 c)10,8 d)6,8 e)12,10

ans:c(10,8)

38) $3x+4y=10$

$x^3+y^3=6$ minimum value of $3x+11y=?$

ans=?

39)0.75

40)-

41)sink---7.7kms--->

fills $2\frac{1}{4}$ t is 5.5 min. 92 tonnes enough.. sink throws out 18 tonnes/hr.

avg. speed to

a)1.86 b)8.57 c)9.4 d)11.3 e)10.7

42) . _____

$\sqrt{2}$ 2 cms

$\frac{1}{\sqrt{a}}$ _____

$\sqrt{3}$ 2 cms area of the d=50 cm square

$\frac{1}{\sqrt{b}}$ _____ what is the area of the b=?

$\sqrt{4}$ 2 cms

$\frac{1}{\sqrt{c}}$ _____

$\sqrt{5}$ 2 cms ans=(10.7)

$\frac{1}{\sqrt{d}}$ _____

43)600 tennis players

4% ->wrist band on one wrist

of remain 96%->25%->on both hands

remain no of ---(ans:312)

44)312(doubt) or 432

45)in how many ways 5e,6s,3f be arranged if books of each language are to be kept together

17,64800,90,58400,3110400

ans:e($3!*5!*6!*3!=3110400$)

46)---

47)three types of the a,b,c costs Rs. 95/kg,100/kg&70/kg .how many kg of each be blended to produce 100 kg of mixture worth Rs.90/kg,gives that the quantities of b&c are equal

a)70,15,15 b)50,25,25 c)60,20,20 d)40,30,30

ans:b

48)water milk problem

49) $x+y+z=w$

q) two distinct no's are taken from 1,2,3,4.....28

a) probably that the no is 6 $\rightarrow 1/14$

b) probably that it exceeds 14 $\rightarrow 1/28$

c) both exceed 5 is $3/28$

d) less than 13 $\rightarrow 25/28$ (24/28)

e) none

ans: d

51) 1200 died 6

due to acc 7

55) 170%

56) c