

Sony Question Paper

Ques-1) The friction experienced by a body, when in motion, is known as

- (a) rolling friction
- (b) dynamic friction
- (c) limiting friction
- (d) static friction

Ans. b

Ques-2) Two balls of equal mass and of perfectly elastic material are lying on the floor. One of the ball with velocity v is made to struck the second ball. Both the balls after impact will move with a velocity

- a) v
- (b) $v/2$
- (c) $v/4$
- (d) $v/8$

Ans. b

Ques-3) The term 'force' may be defined as an agent which produces or tends to produce, destroys or tends to destroy motion.

- (a) Agree
- (b) Disagree

Ans. a

Ques-4) The coefficient of restitution for elastic bodies is one.

- (a) Correct
- (b) Incorrect

Ans. b

Ques-5) The power rating of a resistor is _____ related to _____.

- (a) directly, the type of cooling used
- (b) indirectly, the type of material used
- (c) directly, its surface area
- (d) indirectly, the color coding

Ans. c

Ques-6). How will electrons flow through a p-channel JFET?

- (a) from source to drain
- (b) from source to gate
- (c) from drain to gate
- (d) from drain to source

Ans. d

Ques-7) Which type of signal is represented by discrete values?

- (a) noisy signal
- (b) nonlinear
- (c) analog
- (d) digital

Ans. d

Ques-8).Once a PAL has been programmed:

- (a) it cannot be reprogrammed.
- (b) its outputs are only active HIGHS
- (c) its outputs are only active LOWs
- (d) its logic capacity is lost

Ans. a

Ques-9)What happens to the parallel output word in an asynchronous binary down counter whenever a clock pulse occurs?

- (a) The output word decreases by 1.
- (b) The output word decreases by 2.
- (c) The output word increases by 1.
- (d) The output word increases by 2.

Ans. a

Ques-10).The data stored in a Mask ROM (MROM) is _____.

- (a) permanent
- (b) volatile
- (c) erasable
- (d) temporary

Ans. a

Ques-11) Select the sentence or part of a sentence which is grammatically correct from the given alternatives.

- (a) Either the manager or his assistance failed in their duty.
- (b) Either the manager his assistants failed in his duty
- (c) Either the manager or his assistants failed in his duty
- (d) Either the manager nor his assistant failed in their now

Ans. a

Ques-12) Select the sentence or part of a sentence which is grammatically correct from the given alternatives.

- (a) He used to visit us every week but he is rarely coming duty.
- (b) He used to visit us every week but he is rarely comes now
- (c) He used to visit us every week by he has rarely come now
- (d) None of these

Ans. d

Ques-13) The police arrested him. Change the voice

- (a) The Police have arrested him
- (b) He is being arrested by Police
- (c) He was arrested by the Police
- (d) He has been arrested by the Police.

Ans. c

Ques-14)Hedge Hog is the name of:

- (a) Country
- (b) City
- (c) Animal

(d) Planet

Ans. c

Ques-15) Most of the letters in the English alphabet come from:

(a) Arabic

(b) Italian

(c) Hebrew

(d) Roman

Ans. d

Ques-16) The Albatross is an important character in the poem of:

(a) William Wordsworth

(b) Samuel Taylor Coleridge

(c) Shelley

(d) Byron

Ans. b

Ques-17) A Marsupial is a mammal which has:

(a) Pouch

(b) Wings

(c) Camouflage

(d) Poisonous tooth

Ans. a

Ques-18) A stitch in the time saves nine means:

(a) Do the stitching on your own

(b) A timely act will prevent further trouble

(c) Nine can be saved if you stitch properly

(d) None of these

Ans. b

Ques-19) Zip code means:

(a) System of control traffic

(b) System of fix rates for items

(c) System of simplify mail sorting

(d) None of these

Ans. d

Ques-20) Effluent means:

(a) Liquid waste

(b) Halo effect

(c) Wealth

(d) Flattery

Ans. a

Ques-21) What will the function rewind() do?

(a) Reposition the file pointer to a character reverse.

(b) Reposition the file pointer stream to end of file.

- (c) Reposition the file pointer to beginning of that line.
- (d) Reposition the file pointer to beginning of file.

Ans.d

Ques-22). Input/output function prototypes and macros are defined in which header file?

- (a) conio.h
- (b) stdlib.h
- (c) stdio.h
- (d) dos.h

Ans.c

Ques-23). Which standard library function will you use to find the last occurrence of a character in a string in C?

- (a) strchr()
- (b) strchar()
- (c) strrchar()
- (d) strrchr()

Ans.d

Ques-24). What is stderr ?

- (a) standard error
- (b) standard error types
- (c) standard error streams
- (d) standard error definitions

Ans.c

Ques-25). Does there any function exist to convert the int or float to a string?

- (a) Yes
- (b) No

Ans.a