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2	PG Mates / RoomSharing / Flat Mates	React+Springboot+MySql
3	Tour and Travel management System	React+Springboot+MySql
4	Election commition of India (online Voting System)	React+Springboot+MySql
5	HomeRental Booking System	React+Springboot+MySql
6	Event Management System	React+Springboot+MySql
7	Hotel Management System	React+Springboot+MySql
8	Agriculture web Project	React+Springboot+MySql
9	AirLine Reservation System / Flight booking System	React+Springboot+MySql
10	E-commerce web Project	React+Springboot+MySql
11	Hospital Management System	React+Springboot+MySql
12	E-RTO Driving licence portal	React+Springboot+MySql
13	Transpotation Services portal	React+Springboot+MySql
14	Courier Services Portal / Courier Management System	React+Springboot+MySql
15	Online Food Delivery Portal	React+Springboot+MySql
16	Muncipal Corporation Management	React+Springboot+MySql
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25	RealEstate Property Project	React+Springboot+MySql
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28	Resturant management System	React+Springboot+MySql
29	Solar Management Project	React+Springboot+MySql
30	OneStepService LinkLabourContractor	React+Springboot+MySql
31	Vehical Service Center Portal	React+Springboot+MySql
32	E-wallet Banking Project	React+Springboot+MySql
33	Blogg Application Project	React+Springboot+MySql
34	Car Parking booking Project	React+Springboot+MySql
35	OLA Cab Booking Portal	React+NextJs+Springboot+MySql
36	Society management Portal	React+Springboot+MySql
37	E-College Portal	React+Springboot+MySql
38	FoodWaste Management Donate System	React+Springboot+MySql
39	Sports Ground Booking	React+Springboot+MySql
40	BloodBank mangement System	React+Springboot+MySql

41	Bus Tickit Booking Project	React+Springboot+MySql
42	Fruite Delivery Project	React+Springboot+MySql
43	Woodworks Bed Shop	React+Springboot+MySql
44	Online Dairy Product sell Project	React+Springboot+MySql
45	Online E-Pharma medicine sell Project	React+Springboot+MySql
46	FarmerMarketplace Web Project	React+Springboot+MySql
47	Online Cloth Store Project	React+Springboot+MySql
48	Train Ticket Booking Project	React+Springboot+MySql
49	Quizz Application Project	JSP+Springboot+MySql
50	Hotel Room Booking Project	React+Springboot+MySql
51	Online Crime Reporting Portal Project	React+Springboot+MySql
52	Online Child Adoption Portal Project	React+Springboot+MySql
53	online Pizza Delivery System Project	React+Springboot+MySql
54	Online Social Complaint Portal Project	React+Springboot+MySql
55	Electric Vehical management system Project	React+Springboot+MySql
56	Online mess / Tiffin management System Project	React+Springboot+MySql
57		React+Springboot+MySql
58		React+Springboot+MySql
59		React+Springboot+MySql
60		React+Springboot+MySql

Spring Boot + React JS + MySQL Project List

Sr.No	Project Name	YouTube Link
1	Online E-Learning Hub Platform Project	https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW
2	PG Mate / Room sharing/Flat sharing	https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp
3	Tour and Travel System Project Version 1.0	https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12
4	Marriage Hall Booking	https://youtu.be/VXz0kZQi5to?si=ILOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF
10	Tour and Travel System Project version 2.0	https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ

Sr.No	Project Name	YouTube Link
11	Tour and Travel System Project version 3.0	https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug
12	Gym Management system Project	https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX
13	Online Driving License system Project	https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn
14	Online Flight Booking system Project	https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh
15	Employee management system project	https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H
16	Online student school or college portal	https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD
17	Online movie booking system project	https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm
18	Online Pizza Delivery system project	https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM
19	Online Crime Reporting system Project	https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO
20	Online Children Adoption Project	https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N

CPP/OOPS MCQ'S

1. Which of the following type of class allows only one object of it to be created?

- A. Virtual class
- B. Abstract class
- C. Singleton class
- D. Friend class

2. Which of the following is not a type of constructor?

- A. Copy constructor
- B. Friend constructor
- C. Default constructor
- D. Parameterized constructor

3. Which of the following statements is correct?

- A. Base class pointer cannot point to derived class.
- B. Derived class pointer cannot point to base class.
- C. Pointer to derived class cannot be created.
- D. Pointer to base class cannot be created.

4. Which of the following is not the member of class?

- A. Static function
- B. Friend function
- C. Const function
- D. Virtual function

5. Which of the following concepts means determining at runtime what method to invoke?

- A. Data hiding
- B. Dynamic Typing
- C. Dynamic binding
- D. Dynamic loading

6. Which of the following term is used for a function defined inside a class?

- A. Member Variable
- B. Member function
- C. Class function
- D. Classic function

7. Which of the following concept of oops allows compiler to insert arguments in a function call if it is not specified?

- A. Call by value
- B. Call by reference
- C. Default arguments
- D. Call by pointer

8. How many instances of an abstract class can be created?

- A. 1
- B. 5
- C. 13
- D. 0

9. Which of the following cannot be friend?

- A. Function

- B. Class
- C. Object
- D. Operator function

10. Which of the following concepts of OOPS means exposing only necessary information to client?

- A. Encapsulation
- B. Abstraction
- C. Data hiding
- D. Data binding

11. Why reference is not same as a pointer?

- A. A reference can never be null.
- B. A reference once established cannot be changed.
- C. Reference doesn't need an explicit dereferencing mechanism.
- D. All of the above.

12. cout is a/an _____.

- A. operator
- B. function
- C. object
- D. macro

13. Which of the following concepts provides facility of using object of one class inside another class?

- A. Encapsulation
- B. Abstraction
- C. Composition

D. Inheritance

14. How many types of polymorphisms are supported by C++?

- A. 1
- B. 2
- C. 3
- D. 4

15. Which of the following is an abstract data type?

- A. int
- B. double
- C. string
- D. Class

16. Which of the following concepts means adding new components to a program as it runs?

- A. Data hiding
- B. Dynamic typing
- C. Dynamic binding
- D. Dynamic loading

17. Which of the following statement is correct?

- A. A constructor is called at the time of declaration of an object.
- B. A constructor is called at the time of use of an object.
- C. A constructor is called at the time of declaration of a class.
- D. A constructor is called at the time of use of a class.

18. Which of the following correctly describes overloading of functions?

- A. Virtual polymorphism
- B. Transient polymorphism
- C. Ad-hoc polymorphism
- D. Pseudo polymorphism

19. Which of the following approach is adapted by C++?

- A. Top-down
- B. Bottom-up
- C. Right-left
- D. Left-right

20. Which of the following is correct about function overloading?

- A. The types of arguments are different.
- B. The order of argument is different.
- C. The number of argument is same.
- D. Both A and B.

21. Which of the following is correct about class and structure?

- A. class can have member functions while structure cannot.
- B. class data members are public by default while that of structure are private.
- C. Pointer to structure or classes cannot be declared.
- D. class data members are private by default while that of structure are public by default.

22. Which of the following concepts means wrapping up of data and functions together?

- A. Abstraction
- B. Encapsulation

- C. Inheritance
- D. Polymorphism

23. Which of the following concepts means waiting until runtime to determine which function to call?

- A. Data hiding
- B. Dynamic casting
- C. Dynamic binding
- D. Dynamic loading

24. How "Late binding" is implemented in C++?

- A. Using C++ tables
- B. Using Virtual tables
- C. Using Indexed virtual tables
- D. Using polymorphic tables

25. Which of the following operator is overloaded for object cout?

- A. >>
- B. <<
- C. +
- D. =

26. Which of the following is the correct class of the object cout?

- A. iostream
- B. istream
- C. ostream
- D. ifstream

27. Which of the following cannot be used with the keyword virtual?

- A. class
- B. member functions
- C. constructor
- D. destructor

28. Which of the following functions are performed by a constructor?

- A. Construct a new class
- B. Construct a new object
- C. Construct a new function
- D. Initialize objects

29. Which of the following problem causes an exception?

- A. Missing semicolon in statement in main().
- B. A problem in calling function.
- C. A syntax error.
- D. A run-time error.

30. Which one of the following options is correct about the statement given below? The compiler checks the type of reference in the object and not the type of object.

- A. Inheritance
- B. Polymorphism
- C. Abstraction
- D. Encapsulation

31. Which of the following is the correct way of declaring a function as constant?

- A. `const int ShowData(void) { /* statements */ }`

- B. `int const ShowData(void) { /* statements */ }`
- C. `int ShowData(void) const { /* statements */ }`
- D. Both A and B

32. Which of the following concepts is used to implement late binding?

- A. Virtual function
- B. Operator function
- C. Const function
- D. Static function

33. Which of the following statement is correct?

- A. C++ allows static type checking.
- B. C++ allows dynamic type checking.
- C. C++ allows static member function be of type const.
- D. Both A and B.

34. Which of the following factors supports the statement that reusability is a desirable feature of a language?

- A. It decreases the testing time.
- B. It lowers the maintenance cost.
- C. It reduces the compilation time.
- D. Both A and B.

35. Which of the following ways are legal to access a class data member using this pointer?

- A. `this->x`
- B. `this.x`
- C. `*this.x`
- D. `*this-x`

36. Which of the following is a mechanism of static polymorphism?

- A. Operator overloading
- B. Function overloading
- C. Templates
- D. All of the above

37. Which of the following is correct about the statements given below?

1. All operators can be overloaded in C++.

2. We can change the basic meaning of an operator in C++.

- A. Only I is true.
- B. Both I and II are false.
- C. Only II is true.
- D. Both I and II are true.

38. What happens if the base and derived class contains definition of a function with same prototype?

- A. Compiler reports an error on compilation.
- B. Only base class function will get called irrespective of object.
- C. Only derived class function will get called irrespective of object.
- D. Base class object will call base class function and derived class object will call derived class function.

39. Which of the following are available only in the class hierarchy chain?

- A. Public data members
- B. Private data members
- C. Protected data members
- D. Member functions

40. Which of the following is not a type of inheritance?

- A. Multiple
- B. Multilevel
- C. Distributive
- D. Hierarchical

41. Which of the following operators cannot be overloaded?

- A. []
- B. ->
- C. ?:
- D. *

42. In which of the following a virtual call is resolved at the time of compilation?

- A. From inside the destructor.
- B. From inside the constructor.
- C. From inside the main().
- D. Both A and B.

43. Which of the following statements regarding inline functions is correct?

- A. It speeds up execution.
- B. It slows down execution.
- C. It increases the code size.
- D. Both A and C.

44. Which one of the following is the correct way to declare a pure virtual function?

- A. virtual void Display(void){0};

- B. virtual void Display = 0;
- C. virtual void Display(void) = 0;
- D. void Display(void) = 0;

45. Which of the following header file includes definition of cin and cout?

- A. istream.h
- B. ostream.h
- C. iomanip.h
- D. iostream.h

46. Which of the following keyword is used to overload an operator?

- A. overload
- B. operator
- C. friend
- D. override

47. What will happen if a class is not having any name?

- A. It cannot have a destructor.
- B. It cannot have a constructor.
- C. It is not allowed.
- D. Both A and B.

48. Which inheritance type is used in the class given below?

class A : public X, public Y{}

- A. Multilevel inheritance
- B. Multiple inheritance

- C. Hybrid inheritance
- D. Hierarchical Inheritance

49. Which one of the following is correct about the statements given below?

- 1. All function calls are resolved at compile-time in Procedure Oriented Programming.**
- 2. All function calls are resolved at compile-time in OOPS.**

- A. Only II is correct.
- B. Both I and II are correct.
- C. Only I is correct.
- D. Both I and II are incorrect.

50. Which of the following is an invalid visibility label while inheriting a class?

- A. public
- B. private
- C. protected
- D. friend

51. Which one of the following options is correct?

- A. Friend function can access public data members of the class.
- B. Friend function can access protected data members of the class.
- C. Friend function can access private data members of the class.
- D. All of the above.

52. Which of the following statements is correct in C++?

- A. Classes cannot have data as protected members.
- B. Structures can have functions as members.

- C. Class members are public by default.
- D. Structure members are private by default.

53. Which of the following is used to make an abstract class?

- A. Declaring it abstract using static keyword.
- B. Declaring it abstract using virtual keyword.
- C. Making at least one member function as virtual function.
- D. Making at least one member function as pure virtual function.

54. Which of the following access specifier is used as a default in a class definition?

- A. protected
- B. public
- C. private
- D. friend

55. What is correct about the static data member of a class?

- A. A static member function can access only static data members of a class.
- B. A static data member is shared among all the object of the class.
- C. A static data member can be accessed directly from main().
- D. Both A and B.

56. Which of the following provides a reuse mechanism?

- A. Abstraction
- B. Inheritance
- C. Dynamic binding
- D. Encapsulation

57. Which of the following statement is correct?

- A. Class is an instance of object.
- B. Object is an instance of a class.
- C. Class is an instance of data type.
- D. Object is an instance of data type.

ANSWERS

- | | | | |
|-------|-------|-------|-------|
| 1. C | 16. D | 31. C | 46. B |
| 2. B | 17. A | 32. A | 47. D |
| 3. B | 18. C | 33. D | 48. B |
| 4. B | 19. B | 34. D | 49. C |
| 5. C | 20. D | 35. A | 50. D |
| 6. B | 21. D | 36. D | 51. D |
| 7. C | 22. B | 37. B | 52. B |
| 8. D | 23. C | 38. D | 53. D |
| 9. C | 24. B | 39. C | 54. C |
| 10. C | 25. B | 40. C | 55. D |
| 11. D | 26. C | 41. C | 56. B |
| 12. C | 27. C | 42. D | 57. B |
| 13. C | 28. D | 43. D | |
| 14. B | 29. D | 44. C | |
| 15. D | 30. B | 45. D | |



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