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SR.NO	**Project NAME**	**Technology**
1	Online E-Learning Platform Hub	React+Springboot+MySql
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
17	Gym Management System	React+Springboot+MySql
18	Bike/Car ental System Portal	React+Springboot+MySql
19	CharityDonation web project	React+Springboot+MySql
20	Movie Booking System	React+Springboot+MySql

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24	Payroll Management System	React+Springboot+MySql
25	RealEstate Property Project	React+Springboot+MySql
26	Marriage Hall Booking Project	React+Springboot+MySql
27	Online Student Management portal	React+Springboot+MySql
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+Springwoot+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
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Spring Boot + React JS + MySQL Project List

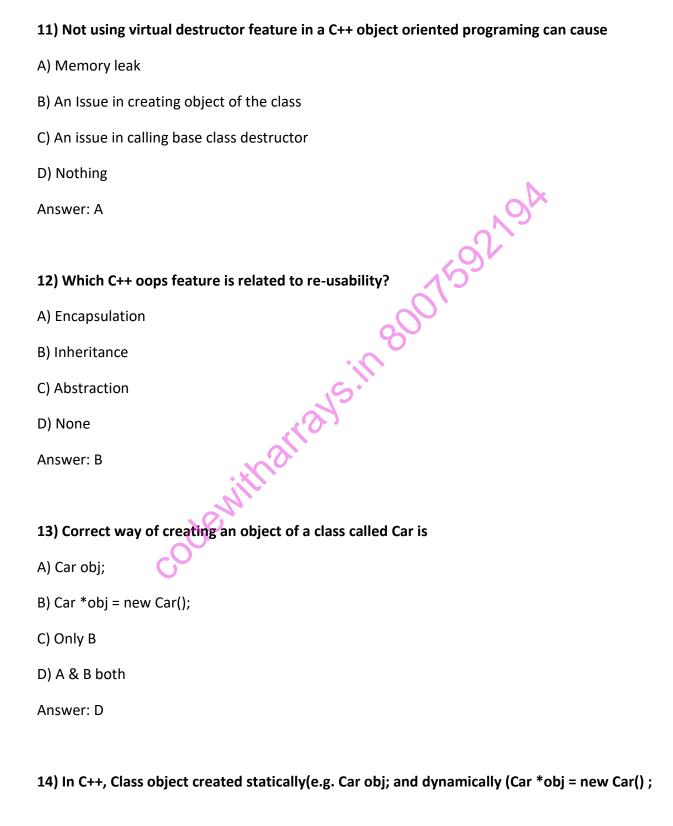| Sr.No	Project Name	YouTube Link
1	Online E-Learning Hub Platform Project	https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW
2	PG Mate / Room sharing/Flat sharing	https://youtu.be/4P9cIHg3wvk?si=4uEsi0962CG6Xodp
3	Tour and Travel System Project Version 1.0	https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12
4	Marriage Hall Booking	https://youtu.be/VXz0kZQi5to?si=llOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FIzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/IynIouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyI4I?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=HURvAY2VnizIyJlh
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=fiDvrhhrjb4KSlSm
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 IMP QUESTIONS

1) The OOPs concept in C++, exposing only necessary information to users or clients is known as

A) Abstraction

B) Encapsulation

C) Data hiding

D) Hiding complexity

Answer: A

2) Which of the following is an abstract data type?

A) Class

B) Int

C) String

D) Double

Answer: A

3) Hiding the complexity is known as

A) Abstraction

B) Encapsulation

C) Data hiding

D) Composition

Answer: B

4) For Cat and Animal class, correct way of inheritance is

A) class Cat: public Animal

B) class Animal: public Cat

C) Both are correct way

D) None is correct way

Answer: A

5) In a class, encapsulating an object of another class is called

A) Composition

B) Inheritance

C) Encapsulation

D) None

Answer: A

6) Features not available in C++ object oriented programming is

A) Virtual destructor

B) Virtual constructor

C) Virtual function

D) All

Answer: B

7) IS A relationship in C++ is

A) Inheritance

B) Encapsulation

C) Composition

D) None

Answer: A

8) If you want to write multiple functions in a class with same name, then what C++ feature will you use?

A) Function overriding

B) Encapsulation

C) Function overloading

D) None

Answer: C

9) Polymorphism types is/are

A) Compile time

B) Run time

C) Both

B) None

Answer: C

10) If I want to have common functions in a class and want to defer implementations of some other functions to derived classes, then we need to use

A) An interface

B) An abstract class

C) A friend class

D) A static class

Answer: B

11) Not using virtual destructor feature in a C++ object oriented programing can cause

A) Memory leak

B) An Issue in creating object of the class

C) An issue in calling base class destructor

D) Nothing

Answer: A

12) Which C++ oops feature is related to re-usability?

A) Encapsulation

B) Inheritance

C) Abstraction

D) None

Answer: B

13) Correct way of creating an object of a class called Car is

A) Car obj;

B) Car *obj = new Car();

C) Only B

D) A & B both

Answer: D

14) In C++, Class object created statically(e.g. Car obj; and dynamically (Car *obj = new Car() ;

) are stored in memory

A) Stack, heap

B) Heap, heap

C) Heap, stack

D) Stack, stack

Answer: A

15) True statement about Class and structure in C++ is

A) Default access specifier is private in class and public in structure

B) Way of creating objects of class and structure are different

C) Way of inheriting class and structure are different

D) None

Answer: A

16) In C++ programming, cout is a/an

A) Function

B) Operator

C) Object

D) macro

Answer: C

17) Which is Abstract Data Type in C++

A) Class

B) Int

C) Float

D) array

Answer: A

18) Class allows only one object of it to be created though out the program life cycle

A) Singleton class

B) Abstract class

C) Friend class

D) All classes

Answer: A

19) Statically allocated object for class A in C++ is

A) A *obj = new A();

B) A obj;

C) A obj = new A();

D) None

Answer: B

20) When you create an object of a class A like A obj ; then which one will be called automatically

A) Constructor

B) Destructor

C) Copy constructor

D) Assignment operator

Answer: A

21) When you create an object of a derived class in C++

A) Derived class constructor is called first then the base class constructor

B) Base class constructor is called first then derived class constructor

C) base class constructor will not be called

D) none of the above

Answer: B

22) The class in C++ which act only as a base class and object of it cannot be created is

A) parent class

B) super class

C) abstract class

D) none of the above

Answer: C

23) Data members and member functions of a class in C++ program are by default

A) protected

B) public

C) private

D) None

Answer: C

24) Which operator is used to allocate an object dynamically of a class in C++?

A) Scope resolution operator

B) Conditional operator

C) New operator

D) Membership access

Answer: C

25) Which is used to define the member function of a class externally?

A) :

B) ::

C) #

D) None

Answer: B

26) In C++, an object cannot be created for

A) An interface

B) An Abstract class

C) A singleton class

D) A & B

E) A, B & C

Answer: D

27) By default functions available in C++ language are

A) Constructor

B) Destructor

C) Copy constructor

D) Assignment operator

E) All

Answer: E

28)base class and derived class relationship comes under

A) Inheritance

B) Polymorphism

C) encapsulation

D) None

Answer : A

29) C++ Inheritance relationship is

A) Association

B) Is-A

C) Has-A

D) None

Answer:B

30) Types of inheritance in C++ are

A) Multilevel

B) Multiple

C) Hierarchical

D) All the above

Answer: D

31) Inheritance allow in C++ Program?

A) Class Re-usability

B) Creating a hierarchy of classes

C) Extendibility

D) All

Answer: D

32) Functions that can be inherited from base class in C++ program

A) Constructor

B) Destructor

C) Static function

D) None

Answer:D

33)_____ members of base class are inaccessible to derived class

A) Private

B) Protected

C) Public

D) None

Answer:A

34) Accessing functions from multiple classes to a derived class is known as

A) multiple inheritance

B) single inheritance

C) Hybrid inheritance

D) multilevel inheritance

   Answer:A

35) In inheritance, order of execution of base class and derived class destructors are

A) Base to derived

B) Derived to base

C) Random order

D) none

   Answer: B

36) Compile time polymorphism in C++ language are

A) Operator overloading

B) Function overloading

C) Function overriding

D) B Only

E) A & B

Answer: E

37) C++ abstract class can contain

A) Pure virtual function

B) Non-virtual function

C) Only pure virtual function

D) Both pure virtual and non-virtual function

Answer: D

38) False statements about function overloading is

A) Defining multiple functions with same name in a class is called function overloading

B) Overloaded function must differ in their order and types of arguments.

C) Overloaded functions should be preceded with virtual keyword

D) No statement is false

Answer: C

39) Following keyword is used before a function in a base class to be overridden in derived class in C++

A) override

B) virtual

C) void

D) none

Answer: B

40) Which of the following cannot be overloaded in C++?

A) Increment operator

B) Constructor

C) Destructor

D) New and delete operator

Answer: C

41) Which is the correct declaration of pure virtual function in C++

A) virtual void func = 0;

B) virtual void func() = 0;

C) virtual void func(){0};

D) void func() = 0;

Answer: B

42) In a class, pure virtual functions in C++ is used

A) To create an interface

B) To make a class abstract

C) To force derived class to implement the pure virtual function

D) All the above

Answer: D

43) Which public member of a base class cannot be inherited?

A) Constructor

B) Destructor

C) Both A & B

D) Only B

Answer: C

44) How many VPTR is created internally for a base class and a derived class

A) 0

B) 1

C) 2

D) 3

Answer: B

45) Number of virtual table created for a base and a derived class is

A) 0

B) 1

C) 2

D) 3

Answer: C

46) Interface class in C++ is created by

A) Using interface keyword before class

B) Using pure virtual function

C) Using pure virtual function and virtual function both

D) Using class keyword

Answer: B

47) Which statements are true about an abstract class

A) Abstract class has at least one pure virtual function.

B) Pointer for an abstract class can be created

C) Object of an abstract class cannot be created.

D) All are correct.

Answer: D

48) Run time polymorphism in C++ Program is

A) New and delete operator overloading

B) ++ and – – operator overloading

C) :: operator overloading

D) None

Answer: D

49) Run time binding is related to

A) Function overriding

B) Operator overloading

C) A & B

D) None

Answer: A

50) Which function cannot be overloaded in C++

A) Constructor

B) Class destructor

C) Both a & b

D) None

Answer: B

51) Operators can be overloaded in C++ is/are

A) New

B) Delete

C) ++

D) All can be overloaded

Answer: D

52) In C++ code , variables can be passed to a function by

A) Pass by value

B) Pass by reference

C) Pass by pointer

D) All the above

Answer: D

53) Constant function in C++ can be declared as

A) void display()

B) void display() const

C) const void display()

D) void const display()

Answer: B

54) Which of the following functions are provided by compiler by default if we don't write in a C++ class?

A) Copy constructor

B) Assignment

C) Constructor

D) All the above

Answer: D

55) Which function can be called without using an object of a class in C++

A) Static function

B) Inline function

C) Friend function

D) constant function

Answer: A

56) True and false about inline function statements in C++

```
class A{
public:
        void func1(){
        }
        void func2();
};
inline void A::func2(){


}
```

A) Func1 is inline function

B) Func2 only is inline function

C) Func1 and Func2 both are inline functions

D) None of the above is inline

Answer: C

57) Which function can be called without using an object of a class in C++

A) Virtual function

B) Inline function

C) Static function

D) constant function

Answer: C

58) Which of the following function declaration using default arguments is correct?

A) int foo(int x, int y =5, int z=10)

B) int foo(int x=5, int y =10, int z)

C) int foo(int x=5, int y, int z=10)

D) all are correct

Answer: A

59) Which function cannot be overloaded in C++ program?

A) Virtual function

B) member function

C) Static function

D) All can be overloaded

Answer: C

60) Choose the correct answer for following piece of C++ pseudo code

```
void func(int a, int &b)

{


}


int main(){

        int a,b;

        func(a,b);

}
```

A) a is pass by value and b is pass by reference

B) a is pass by reference and b is pass by value

C) a is pass by value and b is pass by address

D) a is pass by value and b is pass by pointer

Answer: A

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