



VU-Tech Soft



CS504 – Software Engineering

Grand Quiz 2020 (Covid-19)

Solved By VU-Tech-Soft





Question # 1 of 30 (Start time: 10:14:58 PM, 05 July 2020)

Whole Part Structure is also called _____

▶ Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Generalization |
| <input checked="" type="radio"/> | Aggregation |
| <input type="radio"/> | Specialization |
| <input type="radio"/> | Association |



Question # 2 of 30 (Start time: 10:16:28 PM, 05 July 2020)

Which of the following statements is/are true in context of the object model derivation through the Coad methodology?

- a. A place is also a container.
- b. Every container need to be a place.
- c. Same person may play different roles at different times in the system.

Select the correct option

| | |
|----------------------------------|---------|
| <input type="radio"/> | a only |
| <input type="radio"/> | a and b |
| <input checked="" type="radio"/> | a and c |



Question # 3 of 30 (Start time: 10:17:40 PM, 05 July 2020)

_____ are kind of umbrella activities that are used to smoothly and successfully perform the construction activities.

Select the correct option

- Design Activities
- Management Activities
- Testing Activities
- Maintenance Activities



Question # 4 of 30 (Start time: 10:18:01 PM, 05 July 2020)

Total Mark

When you encounter both transform flow and transaction flow in the same DFD the flow is partitioned and the appropriate mapping technique is used on each part of the DFD.

Select the correct option

- | | |
|----------------------------------|-------|
| <input checked="" type="radio"/> | True |
| <input type="radio"/> | False |



Question # 5 of 30 (Start time: 10:19:26 PM, 05 July 2020)

Data Flow Model:

Select the correct option

- Captures the flow of data in a system
- Helps in developing an understanding of system's functionality
- Describes data origination, transformations and consumption in a system
- All of the given options



Question # 6 of 30 (Start time: 10:20:00 PM, 05 July 2020)

Software architecture must address _____ requirements of a software system.

Select the correct option

- | | |
|----------------------------------|------------------------------------|
| <input type="radio"/> | Functional |
| <input type="radio"/> | Non-Functional |
| <input type="radio"/> | User Interface Requirements |
| <input checked="" type="radio"/> | Both Functional and Non-Functional |



Question # 7 of 30 (Start time: 10:20:40 PM, 05 July 2020)

In "Point of Sale system", the term "Payment" represents

Select the correct option

- Actor
- Participant
- Transaction
- Container



To construct a system model the engineer should consider one of the following restraining factors?

▶ Select the correct option

- | | |
|----------------------------------|-----------------------------|
| <input type="radio"/> | assumptions and constraints |
| <input type="radio"/> | budget and expenses |
| <input checked="" type="radio"/> | data objects and operations |
| <input type="radio"/> | schedule and milestones |



Question # 9 of 30 (Start time: 10:23:24 PM, 05 July 2020)

_____ relationship is concerned with classes not with the class instantiates.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Association |
| <input checked="" type="radio"/> | Inheritance |
| <input type="radio"/> | Aggregation |
| <input type="radio"/> | Composition |



Question # 10 of 30 (Start time: 10:24:35 PM, 05 July 2020)

The process of utilizing our knowledge of computer science in effective production of software systems is called _____.

Select the correct option

- | | |
|----------------------------------|------------------------|
| <input type="radio"/> | Chemical Engineering |
| <input type="radio"/> | Electrical Engineering |
| <input type="radio"/> | Computer Engineering |
| <input checked="" type="radio"/> | Software Engineering |



Question # 11 of 30 (Start time: 10:25:06 PM, 05 July 2020)

A cohesive Class is one which emphasizes on ____ unit of functionality

Select the correct option

- | | |
|----------------------------------|----------|
| <input type="radio"/> | Single |
| <input checked="" type="radio"/> | Multiple |
| <input type="radio"/> | Static |



Question # 12 of 30 (Start time: 10:26:36 PM, 05 July 2020)

A use case represents:

Select the correct option

- | | |
|----------------------------------|---|
| <input type="radio"/> | a class, its attributes and operations. |
| <input type="radio"/> | an operation's interface and signature. |
| <input checked="" type="radio"/> | the role a user plays when interacting with the system. |
| <input type="radio"/> | the system's functionality for a particular purpose. |



Question # 14 of 30 (Start time: 10:28:26 PM, 05 July 2020)

The best way to conduct a requirements validation review is to

▶ Select the correct option

- | | |
|----------------------------------|--|
| <input type="radio"/> | examine the system model for errors |
| <input type="radio"/> | have the customer look over the requirements |
| <input type="radio"/> | send them to the design team and see if they have any concerns |
| <input checked="" type="radio"/> | use a checklist of questions to examine each requirement |



Question # 15 of 30 (Start time: 10:29:52 PM, 05 July 2020)

An architectural style encompasses which of the following elements?

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | constraints |
| <input type="radio"/> | set of components |
| <input type="radio"/> | semantic models |
| <input checked="" type="radio"/> | all of the given |



CS504:Grand Quiz (Mid term)

Question # 16 of 30 (Start time: 10:30:37 PM, 05 July 2020)

Defining the services of an object means:

Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | What it does? |
| <input checked="" type="radio"/> | What it knows? |
| <input type="radio"/> | Who knows it? |



Question # 17 of 30 (Start time: 10:32:11 PM, 05 July 2020)

Which one of the following is the external quality of a software product?

Select the correct option

- Correctness
- Concision
- Cohesion
- Low Coupling



Question # 18 of 30 (**Start time: 10:33:42 PM, 05 July 2020**)

In Data Flow Diagram, the entity or system, outside the boundary of this system is called

Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Process |
| <input type="radio"/> | Data Flow |
| <input checked="" type="radio"/> | External Agent |
| <input type="radio"/> | Data Store |



Question # 20 of 30 (Start time: 10:34:32 PM, 05 July 2020)

GUI stands for:

Select the correct option

- Generic User Interface
- Graphical User Interface
- Generic User Interaction
- Graphical User Interaction



Specialization means:

Select the correct option

- | | |
|-------------------------------------|---|
| <input type="radio"/> | Calling the same method with object of child object |
| <input type="radio"/> | Hiding the data |
| <input checked="" type="checkbox"/> | Creating new subclasses from an existing class |
| <input type="radio"/> | None of given options |



CS504:Grand Quiz (Mid term)

Question # 22 of 30 (Start time: 10:35:43 PM, 05 July 2020)

_____ has become a standard notation for object oriented system modeling.



Select the correct option

- | | |
|-------------------------------------|----------------------------------|
| <input checked="" type="checkbox"/> | UML |
| <input type="checkbox"/> | C++ |
| <input type="checkbox"/> | OCL (object Constraint Language) |

**Question # 23 of 30 (Start time: 10:36:30 PM, 05 July 2020)**

An arrow in Data Flow Diagram (DFD) represents

Select the correct option

- | | |
|-------------------------------------|---------------------------|
| <input checked="" type="checkbox"/> | Direction of flow of data |
| <input type="checkbox"/> | Processing of data |
| <input type="checkbox"/> | External agent |
| <input type="checkbox"/> | Internal agent |



Question # 24 of 30 (Start time: 10:36:40 PM, 05 July 2020)

In use case diagram, an ellipse signifies a(n):

Select the correct option

- | | |
|----------------------------------|-----------------|
| <input type="radio"/> | actor |
| <input type="radio"/> | class |
| <input checked="" type="radio"/> | use case |
| <input type="radio"/> | system boundary |

Press ESC or double-click to



Search

Question # 25 of 30 (Start time: 10:37:27 PM, 05 July 2020)

Class responsibilities are defined by _____.

Select the correct option

- its attributes only
- its collaborators
- its operations only
- both its attributes and operations



Question # 25 of 30 (Start time: 10:37:27 PM, 05 July 2020)

2/

Class responsibilities are defined by _____.

Select the correct option

- its attributes only
- its collaborators
- its operations only
- both its attributes and operations



Question # 20 of 50 (Start time: 10:58:10 PM, 03 July 2020)

Software development is a step-by-step process, and in _____ phase of software development Business Objective of an organization gets cleared.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Maintenance |
| <input type="radio"/> | Development |
| <input type="radio"/> | Definition |
| <input checked="" type="radio"/> | Vision |





Question # 27 of 30 (Start time: 10:39:10 PM, 05 July 2020)

If you try to make software more user-friendly then the _____ may suffer.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Reliability |
| <input type="radio"/> | Software |
| <input checked="" type="radio"/> | Efficiency |
| <input type="radio"/> | Cost |



Question # 29 of 30 (Start time: 10:40:42 PM, 05 July 2020)

Prototyping is used when there is _____ regarding requirements.

Select the correct option

- | | |
|-------------------------------------|--------------|
| <input checked="" type="checkbox"/> | Uncertainty |
| <input type="checkbox"/> | Confirmation |
| <input type="checkbox"/> | Conflict |



Question # 28 of 30 (Start time: 10:40:15 PM, 05 July 2020)

Identify the TRUE statement:

Select the correct option

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Normally Object Oriented design is more maintainable than functional oriented. |
| <input type="checkbox"/> | Software with Functional oriented design does not fulfill non functional requirements. |
| <input type="checkbox"/> | Object Oriented design can not implement "Separation of concerns" strategy |
| <input type="checkbox"/> | Function Oriented design does not lead to an efficient product. |



Question # 29 of 30 (Start time: 10:40:42 PM, 05 July 2020)

Prototyping is used when there is _____ regarding requirements.

Select the correct option

- | | |
|-------------------------------------|--------------|
| <input checked="" type="checkbox"/> | Uncertainty |
| <input type="checkbox"/> | Confirmation |
| <input type="checkbox"/> | Conflict |



Question # 30 of 30 (Start time: 10:41:30 PM, 05 July 2020)

Strong cohesion implies that:

Select the correct option

- | | |
|----------------------------------|--|
| <input checked="" type="radio"/> | All parts of a component have a close logical relationship with each other. |
| <input type="radio"/> | All parts of a component do not have a close logical relationship with each other. |
| <input type="radio"/> | Component is dynamic in nature |
| <input type="radio"/> | Component is static in nature |

Press ESC or double-click to exit full screen mode



CS504:Grand Quiz (Mid term)

Question # 1 of 30 (Start time: 10:45:49 PM, 05 July 2020)

In object oriented design, the structure of the system revolves around.



Select the correct option

- | | |
|----------------------------------|------------|
| <input checked="" type="radio"/> | Objects |
| <input type="radio"/> | Methods |
| <input type="radio"/> | Properties |



Question # 2 of 30 (Start time: 10:47:13 PM, 05 July 2020)

In _____ relationship, a class shares the structure and behavior defined in another class.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Aggregation |
| <input type="radio"/> | Composition |
| <input checked="" type="radio"/> | Inheritance |
| <input type="radio"/> | Uses |



CS504:Grand Quiz (Mid term)

Question # 3 of 30 (Start time: 10:47:41 PM, 05 July 2020)

In Object oriented design, combining the services offered by an object with the attributes they work on, results in:

- a. Lower coupling and stronger cohesion
- b. Lower cohesion and stronger coupling
- c. Increased likelihood of reuse
- d. Decreases the modularity of the system

Select the correct option

| | |
|----------------------------------|---------|
| <input type="radio"/> | a only |
| <input type="radio"/> | b and c |
| <input checked="" type="radio"/> | a and c |



Question # 4 of 30 (Start time: 10:48:15 PM, 05 July 2020)

The goal of _____ is to translate the customer's desire for a set of defined capabilities into a working product.

Press ESC or double-click to exit full screen mode

Select the correct option

- | | |
|----------------------------------|------------------------|
| <input type="radio"/> | Electrical Engineering |
| <input checked="" type="radio"/> | Product Engineering |
| <input type="radio"/> | Hardware Engineering |

**Question # 4 of 30 (Start time: 10:48:15 PM, 05 July 2020)**

The goal of _____ is to translate the customer's desire for a set of defined capabilities into a working product.

**Select the correct option**

- | | |
|----------------------------------|------------------------|
| <input type="radio"/> | Electrical Engineering |
| <input checked="" type="radio"/> | Product Engineering |
| <input type="radio"/> | Hardware Engineering |
| <input type="radio"/> | Mechanical Engineering |



Question # 5 of 30 (Start time: 10:49:04 PM, 05 July 2020)

A change becomes ----- because of close presence of data and fuctions

Select the correct option

- | | |
|----------------------------------|------------|
| <input type="radio"/> | Accessible |
| <input type="radio"/> | Global |
| <input type="radio"/> | Private |
| <input checked="" type="radio"/> | Localized |



Question # 6 of 30 (Start time: 10:50:01 PM, 05 July 2020)

System models include:

Select the correct option

- User business processes
- User activities for conducting the business processes
- Processes that need to be automated
- All of the given options

**Question # 7 of 30 (Start time: 10:50:38 PM, 05 July 2020)**

Software engineering is a _____ approach.

Select the correct option

- | | |
|-------------------------------------|--------------------------|
| <input type="radio"/> | Systematic |
| <input type="radio"/> | Disciplined |
| <input type="radio"/> | Scheduled |
| <input checked="" type="checkbox"/> | All of the given options |



Question # 8 of 30 (Start time: 10:51:25 PM, 05 July 2020)

In software engineering paradigm, any engineering approach must be founded on organizational commitment to _____.

Select the correct option

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Cost |
| <input type="radio"/> | Scheduling |
| <input checked="" type="radio"/> | Quality |
| <input type="radio"/> | Performance |



An external entity that interacts with a system is called a(n):

Select the correct option

- | | |
|----------------------------------|-------------|
| <input type="radio"/> | use case |
| <input checked="" type="radio"/> | actor |
| <input type="radio"/> | stakeholder |
| <input type="radio"/> | association |
- Press ESC or double-click to exit full screen mode



Question # 10 of 30 (Start time: 10:51:53 PM, 05 July 2020)

Which one of the following is the external quality of a software product?

Select the correct option

Press ESC or double-click to edit

- Correctness
- Concision
- Cohesion
- Low Coupling

**Question # 11 of 30 (Start time: 10:52:05 PM, 05 July 2020)**

To construct a system model the engineer should consider one of the following restraining factors?

Select the correct option

- | | |
|----------------------------------|-----------------------------|
| <input type="radio"/> | assumptions and constraints |
| <input checked="" type="radio"/> | budget and expenses |
| <input type="radio"/> | data objects and operations |
| <input type="radio"/> | schedule and milestones |



Question # 12 of 30 (Start time: 10:53:38 PM, 05 July 2020)

More powerful hardware resulted into the development of _____ powerful and _____ software.

Select the correct option

- less, complex
- more, complex
- more, simple
- less, simple



Question # 13 of 30 (Start time: 10:54:20 PM, 05 July 2020)

A context diagram is used

Select the correct option

- as the first step in developing a detailed DFD of a system
- in systems analysis of very complex systems
- as an aid to system design
- as an aid to programmers



CS504:Grand Quiz (Mid term)

Question # 14 of 30 (Start time: 10:55:44 PM, 05 July 2020)

"System should maintain transaction log of every transaction"
The above statement is an example of

Select the correct option

| | |
|-------------------------------------|----------------------------|
| <input checked="" type="checkbox"/> | Functional requirement |
| <input type="checkbox"/> | Non-functional requirement |
| <input type="checkbox"/> | Pseudo requirement |
| <input type="checkbox"/> | None of the given options |



Question # 15 of 30 (Start time: 10:56:02 PM, 05 July 2020)

The architectural model provides the software engineer with a view of the system as a whole.

Select the correct option

- | | |
|----------------------------------|-------|
| <input checked="" type="radio"/> | True |
| <input type="radio"/> | False |



Question # 16 of 30 (Start time: 10:57:18 PM, 05 July 2020)

As per Peter Coad's methodology, which of the following may NOT be a perfect candidate for being an object?

Select the correct option

- | | |
|----------------------------------|-----------|
| <input type="radio"/> | Zone |
| <input type="radio"/> | Recipient |
| <input type="radio"/> | Garage |
| <input checked="" type="radio"/> | Password |

**Question # 17 of 30 (Start time: 10:58:10 PM, 05 July 2020)**

In the case of _____ approach, data is decomposed according to functionality requirements.

Select the correct option

- | | |
|----------------------------------|------------------|
| <input type="radio"/> | Object-oriented |
| <input checked="" type="radio"/> | Action-oriented |
| <input type="radio"/> | Event-oriented |
| <input type="radio"/> | Process-oriented |



In UML based Object Oriented model of a system, the diamond sign is used to depict _____ relations between two objects/classes.

Select the correct option

- | | |
|----------------------------------|--|
| <input type="radio"/> | Aggregation and Association |
| <input type="radio"/> | Inheritance and Association |
| <input checked="" type="radio"/> | Composition and Aggregation |
| <input type="radio"/> | Composition, Aggregation and Association |

**Question # 19 of 30 (Start time: 11:00:04 PM, 05 July 2020)**

The system specification describes the

Select the correct option

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | function and behavior of a computer-based system |
| <input type="checkbox"/> | implementation of each allocated system element |
| <input type="checkbox"/> | algorithmic detail and data structures |
| <input type="checkbox"/> | time required for system simulation |



2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2808-2809-2810-2811-2812-2813-2814-2815-2816-2817-2818-2819-2820-2821-2822-2823-2824-2825-2826-2827-2828-2829-2830-2831-2832-2833-2834-2835-2836-2837-2838-2839-2840-2841-2842-2843-2844-2845-2846-2847-2848-2849-2850-2851-2852-2853-2854-2855-2856-2857-2858-2859-2860-2861-2862-2863-2864-2865-2866-2867-2868-2869-2870-2871-2872-2873-2874-2875-2876-2877-2878-2879-2880-2881-2882-2883-2884-2885-2886-2887-2888-2889-2890-2891-2892-2893-2894-2895-2896-2897-2898-2899-2900-2901-2902-2903-2904-2905-2906-2907-2908-2909-2910-2911-2912-2913-2914-2915-2916-2917-2918-2919-2920-2921-2922-2923-2924-2925-2926-2927-2928-2929-2930-2931-2932-2933-2934-2935-2936-2937-2938-2939-2940-2941-2942-2943-2944-2945-2946-2947-2948-2949-2950-2951-2952-2953-2954-2955-2956-2957-2958-2959-2960-2961-2962-2963-2964-2965-2966-2967-2968-2969-2970-2971-2972-2973-2974-2975-2976-2977-2978-2979-2980-2981-2982-2983-2984-2985-2986-2987-2988-2989-2990-2991-2992-2993-2994-2995-2996-2997-2998-2999-3000

Question # 20 of 30 (Start time: 11:00:52 PM, 05 July 2020)

In Object Oriented Design, _____ layer contains the details that enable each object to communicate with its collaborators.



Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | subsystem |
| <input type="radio"/> | responsibility |
| <input checked="" type="radio"/> | message |
| <input type="radio"/> | object |



CS504:Grand Quiz (Mid term)

Question # 21 of 30 (Start time: 11:01:22 PM, 05 July 2020)

In object oriented approach, _____ are the people and organizations that take part in the system under consideration.



Select the correct option

- | | |
|----------------------------------|--------------|
| <input checked="" type="radio"/> | Actors |
| <input type="radio"/> | Places |
| <input type="radio"/> | Participants |



Software Design discusses _____ aspect of software development

Select the correct option

- | | |
|----------------------------------|------|
| <input type="radio"/> | What |
| <input checked="" type="radio"/> | How |
| <input type="radio"/> | Who |
| <input type="radio"/> | When |



_____ requirements cause frequent modifications in user interface.

Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Functional |
| <input type="radio"/> | Non-functional |
| <input checked="" type="radio"/> | Unstable |
| <input type="radio"/> | User |



Question # 26 of 30 (Start time: 11:05:00 PM, 05 July 2020)

By leveling a DFD (adding more levels of abstraction) we mean

▶ Select the correct option

- | | |
|----------------------------------|---|
| <input checked="" type="radio"/> | Splitting it into different levels |
| <input type="radio"/> | Make its structure uniform |
| <input type="radio"/> | Expanding a process into one with more sub-processes giving more detail |
| <input type="radio"/> | Summarizing a DFD to specify only the essentials |



Question # 27 of 30 (Start time: 11:06:10 PM, 05 July 2020)

A "register" in "Point of sale system" is an example of:

Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Actor |
| <input type="radio"/> | Participant |
| <input checked="" type="radio"/> | Tangible thing |
| <input type="radio"/> | Transaction |



Question # 28 of 30 (Start time: 11:07:33 PM, 05 July 2020)

Data cannot flow from one external entity to other external entity because:

Select the correct option

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | It will get corrupted |
| <input type="checkbox"/> | It is not allowed in DFD |
| <input type="checkbox"/> | An external entity has no mechanism to read or write |
| <input type="checkbox"/> | Both are outside the context of the system |



A class will be cohesive if:

Select the correct option

- | | |
|----------------------------------|---|
| <input type="radio"/> | Class does not implement Complex interfaces |
| <input type="radio"/> | Class does not have Complex Methods |
| <input type="radio"/> | If most of the methods do not use most of the data members most of the time |
| <input checked="" type="radio"/> | if most of the methods use most of the data members most of the time. |



_____ is an extremely powerful technique for dealing with complexity.

Select the correct option

- | | |
|-------------------------------------|-------------|
| <input type="radio"/> | Aggregation |
| <input checked="" type="checkbox"/> | Abstraction |
| <input type="radio"/> | Inheritance |
| <input type="radio"/> | Association |



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