Modern API Design with ASP.NET Core Chapter 04: Extensibility Architecture

Q1. Extensibility is one of the critical features of ASP.NET Core as it allows for which system architecture?

    A. Non-pluggable
    B. pluggable
    C. None
    D. Both A & B

Answer: B
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Q2. RESTful APIs deliver resources located on a specific URI, which can be driven   by..........

    A. Routing
    B. Host
    C. Server
    D. Extension

Answer: A
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Q3. In the RESTful architecture, whose concept plays a vital part?

    A. Hosts
    B. Servers
    C. Hosts and Servers
    D. Routine

Answer: C
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Q4. In ASP.NET Core, Which one is responsible for the bootstrapping, initialization, and lifetime management of applications.?
    A. Server
    B. Host
    C. NPM
    D. Js

Answer: B
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Q5. To run a web application, it requires a host with how many server for serving requests and responses?
    A. Two
    B. Three
    C. Unlimited

D. At least one
Answer: D
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6. The ………. provides built-in functionality to configure the application configuration model.
   A. IWebHostBuilder
   B. UseSetting
   C. UseContentRoot
   D. None of these.
Answer: A
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7. When calling UseSetting, it is important to remember that the provided value will be persisted as a_____.
   A. int value
   B. boolean value
   C. C.double value
   D. string value
Answer: D
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8. When something goes wrong during the startup of the application, the default behavior will result in the host's exiting. We can control this by calling…
   A. CaptureStartupErrors
   B. IWebHostBuilder
   C. UseContentRoot.
   D. None of those
Answer: A
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9.For which setting the host is fail to start?
   A. IWebHostBuilder
   B. CaptureStartupErrors
   C. UseContentRoot
   D. Server

Answer: C
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10. By default, ASP.NET Core 2.0 includes how many built-in servers?
   A. Two
   B. Four
   C. Five
   D. Three
Answer: A
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11. Kestrel, a cross-platform HTTP server based on what?
   A. kernel
   B. Libuv
   C. A & B
   D. None
Answer: B

12. HTTP.sys, a Windows-only server based on the……… driver.
    A. A.HTTP.sys kernel
    B. Libuv
    C. HTTP
    D. API
Ans: A
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13.When using a reverse proxy, the requests are first handled by………
    A. IIS
    B. Nginx.
    C. C.A & B
    D. the reverse proxy server

Ans: D
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14. If we tell the web host to work behind IIS, then which extension we use?
    A. UseIISIntegration
    B. pluggable
    C. Routine
    D. None
Answer: A
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14. If we call AddSingleton<TInterface, TService>() multiple times with the same TInterface then what is happen?
    A. the last TService registered will override the previous.
    B. the first TService registered will override the previous.
    C. the first TService registered will override the first.
    D. Nothing will happen
Answer: A
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15.Which one is third party server?
    A. FooServer
    B. Nginx
    C. IIS
    D. Kestrel
Answer: A
[Page ref:41]

16. To create our custom server, which one we simply need to implement?
    A. Kestrel
    B. IServer
    C. Nothing
    D. Kestrel and IServer

Ans: B See at page 41 line:6

17. The components that are assembled within the application request pipeline are called……..
    A. Routing
    B. IServer
    C. API
    D. middleware

Answer: D

See at page: 49 [line no:4]

18. A hosted service provides a mechanism for running background tasks within the…… scope of the application.
    A. a moment
    B. two months only
    C. lifetime
    D. two days

Ans: C

[see at page:57]

19. In ASP.NET Core, Which one provides interface for creating hosted services.
    A. the IHostedService
    B. IServer
    C. middleware
    D. Routing

Answer: A

[see at page:57.]

20. By injecting the IHostingEnvironment, we can get the content root path where the folder resides?
    A. View
    B. App_Start
    C. App
    D. wwwroot

Answer: D

[See at Page:59]