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Code No. : 16108 TS N/O

**VASAVI COLLEGE OF ENGINEERING (Autonomous), HYDERABAD
BE (CBCS) VI-Semester Main & Backlog Examinations, May-2019**

Finishing School-Technical Skills (PEGA)

Time: 90 minutes

Max. Marks: 35

Note: i) Answer All Questions.

ii) All questions carry equal marks

- John works for a bank and proposed for an online application for business transactions. Team members from both development and business stakeholders participated in DCO sessions. What is the purpose of conducting DCO meetings?
A) Business stakeholders should know the status of project progress
B) As it is the part of best practices.
C) To maintain the common understanding between business and IT stakeholders.
D) As it is the part of application development phase.
- Smith is working on application development. Which portal helps for robust application development environment that exposes more advanced features of the Pega platform?
A) Pega Express B) Designer Studio C) Case Worker D) Case Manager
- Application development is completed and is ready to be migrated to production. The guardrail compliance score of the application is 82. What action must be taken by the development team?
A) Immediate action has to be taken B) Application can be moved to production environment.
C) Review the application D) Can ignore the score and continue migrating the application to production environment.
- Mr. John applied for a home loan and wants to update his new mobile number during the loan processing. How can the new mobile number be updated without affecting the primary path of the Home Loan case.
A) Using Optional Process B) Using Optional User Action C) Using Optional action
D) Using Update Case
- As part of the data model for a banking application, customer contact details are captured in ContactNumber(home) and ContactNumber(office). What is the property type for ContactNumber?
A) Page List B) Value Group C) Page Group D) Page
- David is working on Insurance claim case type. For third party verification, a child case type Verify Applicant is created as part of the Insurance claim process. The Insurance claim case must wait until the verify applicant case is resolved. How can David implement this requirement?
A) Configure wait step in Insurance claim case type
B) Configure wait step in Verify Applicant case type
C) Configure Change stage in Insurance claim case type
D) Configure Change stage in Verify Applicant case type
- An application for automating the hotel business Reservation case type. Reservation case type has process from booking till checkout. The customer feedback is captured through a case type Feedback. Without completing the Feedback case it's not possible complete the Reservation case. How will we configure this requirement?
A) Configure the Reservation case type as a parent case and Feedback as a child case enforce dependencies between both case types.
B) Configure the Reservation and Feedback as top-level cases
C) Configure the Reservation and Feedback as child cases
D) Configure the Reservation as child case and Feedback as parent case

8. You are designing a case type that includes a process to perform a sequence of actions whenever a case gets rejected. How do you model this requirement while designing a case life cycle?
 - A) Add a parallel process to Primary stage
 - B) Add a primary stage and add the rejection process to the stage.
 - C) Add the rejection process to all the primary stages as an optional process.
 - D) Add an alternate stage and add the rejection process to the stage.

9. While filling the form we want to restrict users so that they cannot enter a date in the future for the date of birth field since it is not valid. Which rule helps us to achieve this requirement?
 - A) Edit Validate Rule
 - B) Use Validate Rule
 - C) Use When Rule
 - D) Use Data Transform Rule

10. A form allows customers to specify the amount of a balance transfer for their credit card. The form contains two fields: one to display the available balance on the customer's credit card, and one for the user to enter the amount of the balance transfer. You configure a validate rule to verify that the amount of a balance transfer is less than 75% of the available balance on the customer's credit card. Where we need to call the validate rule?
 - A) From the step in the case life cycle.
 - B) From the section that contains the field for entering the amount of the balance transfer
 - C) From the flow action where the customer submits the form
 - D) From the property used to capture the amount of the balance transfer

11. In ABC Organization, Tim is a Human Resource executive who will be working on various cases such as Finance, Travel Expense reimbursements, Issues & Complaints, Feedbacks etc. Every day he sees many cases with case IDs' in his portal. He wants to see some information about the work which needs to be performed on those cases so that he could complete the work accordingly. As a System Architect how will achieve this requirement.
 - A) Add labels to every step in the case life cycle
 - B) Add case status to every step in the case life cycle
 - C) Add meaningful name to every step in the case life cycle
 - D) Add instructions to every step in the case life cycle

12. Lee is a System Architect working on online ticket booking application. In the application, Customer can book ticket by entering the From, To, date of journey. While enter the From and To the control filters the available option, this helps users find an option in a list. Which control Lee need to use to configure for From and To Properties.
 - A) Dropdown
 - B) Autocomplete
 - C) Radio button
 - D) Text

13. "FastKart" is an Online Shopping application developed in Pega which allows the customer to place and track their orders. Customers select the items from the list and add to their cart. Customers keep changing the items and quantity till they confirm their order. The total price will be automatically calculated after adding taxes and displayed in the next screen when they confirm the order. What is the best way to calculate total price?
 - A) Calculations rule
 - B) Declare expression with forward chaining
 - C) Declare expression with backward chaining
 - D) Activity

14. "Easy Learn" is online course enrollment application developing in Pega. The users who want to upgrade their skills, they can enroll for new courses in their portal. Once the user select the course they need to provide the user details. The details are stored in a data object named "User Details" As a System Architect you would like to review the User details entered by the user. How can you refer to the user details in clipboard?
 - A) Refer to an embedded page called UserDetails in User Pages
 - B) Refer to an embedded page called UserDetails in User Pages ->pyWorkPage
 - C) Refer to an embedded page called UserDetails in User Pages ->pyWorkCover
 - D) Refer to pyWorkPage in User Pages

15. The _____ category contains pages that describe the current user session.
 A) User Pages B) Data Pages C) Linked Property Pages D) System Pages

16. We are developing an application named "Travel World" in Pega. In this application we created a case type named "Make Trip" which allows the users to book their Travel tickets and also initiates a child case named "Hotel Booking" to book hotels for their trip. Currently we are working on a case id H-199 which is a child case of M-123, we would like to review the data for M-123. Which of the below steps helps us to review the data of M-123?
 A) Clipboard -> User Pages ->pyWorkPage B) Clipboard -> Data Pages ->pyWorkPage
 C) Clipboard -> User Pages ->pyWorkCover D) Clipboard -> Data Pages ->PyWorkCover

17. You are developing an application in Pega for online shopping. After the customer select the items to purchase, the customer is allowed select the mode of delivery from the available list. What would be the data type for the data element to fulfill the above requirement?
 A) Text B) Pick List C) String D) Auto Complete

18. Which of the below listed properties can be defined as a data type in the data explorer first and then used in the case as required?
 A) Employee Code B) Account Number C) Product Details D) Product Name

19. In an Online Ticket booking Application, the user submits the form for booking the ticket by providing the passenger details. The passenger details are stored in a property named "Passengers" which contains details like Passenger Name, Age, and Gender. Assume that the user has requested for 4 passengers to book the ticket.
 Which of the below listed will help you to retrieve the 3rd passenger details?
 A) .Passengers[2] B) .Passengers [2] C) .Passengers[3] D) .Passengers [3]

20. We are designing an application HRApps using Pega. In one of the case type On-Boarding, the newly joined employee need to fill up their details. While filling the form, in one of the steps, the system will ask the user to enter the Temporary Address and in the next for the user need to enter the Permanent Address. If the user selects the checkbox indicating Temporary and permanent addresses are same, the system should copy the Temporary address values to permanent address. How do you implement the above requirement?
 A) User has to manually type the Permanent address as we can't copy the value from one property to another B) Use Declare expression to copy the address
 C) Use Data Transform to copy the address D) Use Data Propagation to copy the address

21. We are designing an application for an online food stores. The customer can order the items online by fill the form. In the first form the user need to enter their first and last names in separate fields. At the time of generating the bill after the payment the system must display the customer full name on the bill. How can we configure the above requirement?
 A) As the user enter their first and last names in separate fields we can't concatenate into single field.
 B) Create a new Data Transform rule to concatenate first and last names in to the single field and invoke the Data Transform in the flow action
 C) Create a new Declare expression rule to concatenate first and last names in to the single field
 D) Use pyDefault Data Transform rule to concatenate first and last names in to the single field

22. We are designing an application for an online food stores. The customer can order the items online by fill the form. On the form the system must display the ordered date by default (System date). Which is the best way to implement the above requirement?
 A) Create a new data transform rule to set the system date as default date to the property holding the ordered date.
 B) Set the system date as default date in pyDefault data transform
 C) Set the system date as default date to the property holding the ordered date at the time of creating a property.
 D) As the ordered dates are not constant, the user need to enter the ordered date manually.

23. Which of the below listed is a Backward chaining option?
 A) Whenever Inputs change B) Whenever used
 C) When applied by a rule collection D) When invoked procedurally
24. Each application consists of a sequence of rule sets, called a _____
 A) Ruleset Packages B) Ruleset Classes C) Ruleset List D) Ruleset Stack
25. Smith is working as System Architect developing an application for online hotel booking. One of the requirement states that at the time of booking a room in a specific hotel, the user need to select the hotel name and type of room upon selecting the hotel name and room type the system will display the room cost per day stored the value in a property named "RoomCost".
 Then the user will enter the number of days to stay, that value is stored in a property named "NoOfDays" the system must display the total room cost by multiplying the room cost with no of days to stay.
 Smith has created a new declare expression rule to calculate the total room cost. The expression he has written is $.TotalRoomCost = .RoomCost * .NoOfDays$
 Identify the source and target properties in the above expression
 A) RoomCost and NoOfDays are target properties and TotalRoomCost is a source property.
 B) RoomCost and NoOfDays are source properties and TotalRoomCost is a target property.
 C) RoomCost and TotalRoomCost are source properties and NoOfDays is a target property.
 D) RoomCost, NoOfDays, TotalRoomCost are target properties.
26. In a purchase application, you allow customers to create purchase requests to order the items. The list of items selected by the customer are stored in a page list named PurchasedItems. Each line item holds the product identifier, quantity, price and ItemTotal (Quantity * Price). At the end the system will calculate total cost including Tax's applicable.
 When a bill is generated along with the products details we would like to display the Quantity of all the items. Which of the below declare expression will give us the quantity of all the items?
 A) $sum(.PurchasedItems.quantity)$ B) $.PurchasedItems.quantity$
 C) $.PurchasedItems().quantity$ D) $.PurchasedItems.quantity()$
27. A candidate's current and the previous company details are captured in a candidate case for job application. What type of property is used to capture the current and the previous company details in the chronological order (current first)?
 A) Page B) Value List C) Page List D) Page Group
28. You are working on an application named "LMS", designed for an organization "HSC". This application contains case type "Apply Leave"
 What is the fully qualified named for "Apply Leave" class.
 A) ApplyLeave B) HSC-LMS-ApplyLeave
 C) HSC-LMS-Work-ApplyLeave D) HSC-Work-ApplyLeave
29. The new employee needs to fill up few forms as a joining formality. In this process, the employee must provide their complete address while providing the address the employee need to enter the ZIP Code. The system should check that the ZIP code entered by the employee is in the correct format. How can you configure the above specification in Pega?
 A) Use validate rule B) Use edit validate rule C) Use text field control D) Use when rule
30. The user can apply for the passport by submitting the request online. Before submitting the form, the system must check if the user has entered all the mandatory fields provided in the form. How can you achieve this?
 A) Configure an action set on all mandatory controls
 B) Use a correct control for all mandatory fields
 C) Configure the control which are mandatory as required fields
 D) We can't check whether the user has entered all the mandatory fields are not